

MII Playback

Monthly Newsletter

January 1994

Volume 4, Number 1

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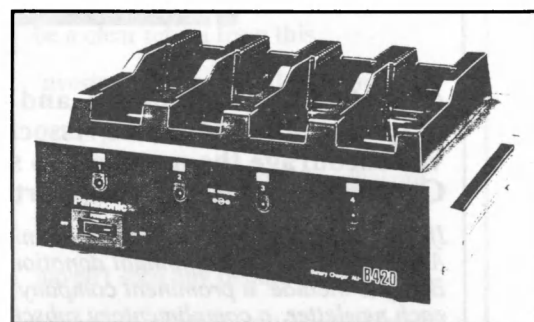
New Line of MII to be announced

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MII Trading Post



The AU-B420 battery charger (above) and AU-BP220 battery packs (below) have been the subject of much discussion over the past several months. Inside, Panasonic addresses battery memory and proper care and maintenance of these units.



MII

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MII Playback is a monthly newsletter published by the MII Users Association for the benefit of the members.

Executive Director David R. Gardy
Publications Editor Jennifer L. Beers

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The Marketing of MII

When our association was founded, there was a range of issues which concerned MII users. From service to training to communication with the manufacturer, the MII users and Panasonic committed to working diligently to meet user needs. But one of the major reasons that the association evolved was that the users wanted a voice in how the MII format was marketed and advertised. It was our contention at the time that we should have such a voice because our success with the format was directly linked to the format's growth and acceptance in the market. MII was Matsushita's first major foray at competing with Sony in the broadcast market. The NBC acquisition of the MII format gave it the boost it needed towards that end.

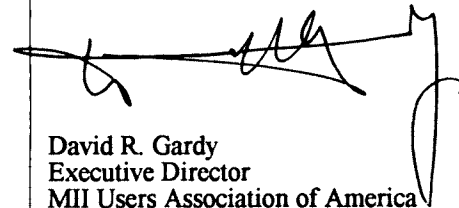
The quality of MII and the users' belief in the format gave it the credibility it needed to be competitive. But mass broadcast market acceptance would still hinge upon successful marketing. Without that marketing, advertising, and industry presence, the users felt that MII would never achieve "population parity" with Betacam, thus potentially affecting our collective livelihood.

Through the years, we have endeavored to work with Panasonic towards resolving many issues. We now have the best service program in the business. Continued commitment to the format by Panasonic is leading to the introduction of yet another series in the MII line. (See article in this issue.) But despite all of these accomplishments, the users never made a dedicated effort to voice our opinions on how MII should be marketed and advertised. With the format wars kicking into high gear, it is now that we must act.

From now until NAB, we will be soliciting ideas from our membership on this issue. Our goal will be to present an effective market strategy to Panasonic based on our experience as users in the front lines of the battle. At our NAB meeting in Las Vegas, we will meet with Panasonic representatives from both the U.S. and Japan to outline the specifics of our ideas.

The value of such input to the manufacturer is without question. But the point that we will be driving home is that to make any new major MII marketing effort work, a financial and resource commitment

from the manufacturer will be required. Perhaps this will be hard for Panasonic to do in an era of budget constraints, but failure to act now during the current volatility in the market could hurt MII sales. There is no question that there will be a clear return from this investment! I can't tell you how many potential buyers call our association, interested in purchasing MII, but concerned because they haven't seen any major marketing or advertising of the format in the last year. (The recent animation ad was great, but we need many more like it!) Panasonic's commitment to the format is unquestioned! The users belief in the format's quality is a matter of record! But the industry needs to know this! Expanding the advertising and marketing budget is critical to accomplishing this. Our phones lines are open. Let the membership speak.



David R. Gardy
Executive Director
MII Users Association of America

The Association needs your 1993-1994 membership dues!!!!

This form and a \$25.00 fee are required to continue membership in the association and receive this monthly newsletter. Please don't hesitate. (Thanks to the many who have already sent in their membership fees!) We have tried to make this form as simple as possible. Please take the time to fill it out now. We would appreciate it if you would take a few extra minutes to provide the information in the "optional" section so that we may better serve the association. This form and your \$25.00 dues must be returned *immediately*. ***Make checks payable to the MII Users Association of America. Return to: MII Users Association of America, c/o Gardy-McGrath (Int'l), Inc., 1950 Roland Clarke Place, Reston, VA 22091. Phone (703) 620-6000, fax (703) 620-0451.***

Membership Registration Form

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How did you hear about the association? _____

Check all that apply: Duplication facility (List additional formats below) _____ MII Rental Facility _____

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If you own MIJ, how long have you had it? _____

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If you do not own MIJ, are you planning to get it? _____

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Dues cover the period from Sept. 1, 1993 through Sept. 1, 1994. Below is for office use only.

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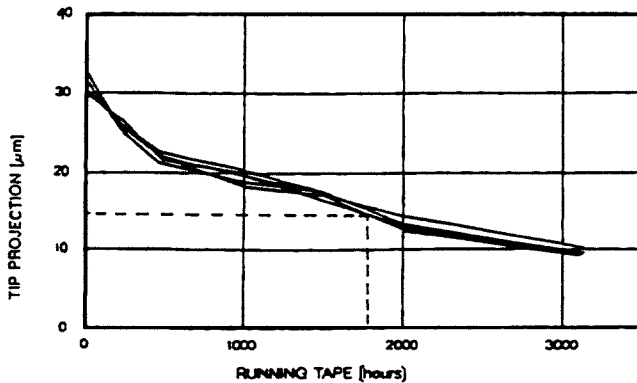
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Why Change Your Heads?

David Linetsky

The MII format has been in use for many years. The question often asked when comparing the original AU-650 and AU-660 VTRs to the current AU-65 series is why there would be a difference in head life of the upper drum.

Head Wearing by MP Tape

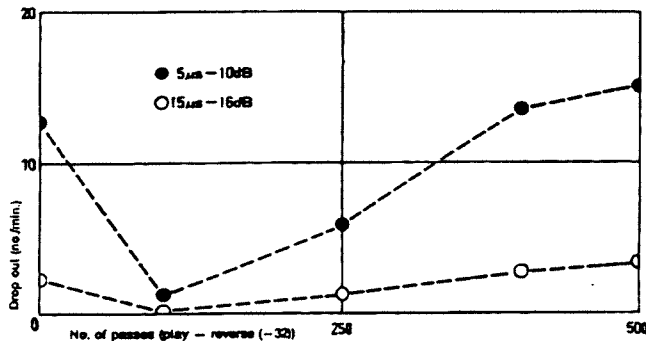


Conditions:

- VTR: MII #94, #117, #118
- Sequence of running time
 - 10 min. RECORDING
 - 20 sec. STOP
 - 40 sec. REWIND
 - 43 min. PLAY
 - 20 sec. STOP
 - 2 min. FF

Drop Out

MI I tape uses a special magnetic powder and surface processing for favorable drop cut characteristics.



Conditions:

- | | |
|-----------------|---------------------------|
| Input signal | PAL color bar |
| Input terminal | Line input |
| Output terminal | Playback amplifier output |
| Drop out time | Min. 15 µsec. |
| Drop out level | Min. -16 dB |

In normal operation, the AU-65 has an average life of 3000 hours while the AU-650 averages 2000 hours. The heads should be replaced when the head tip protrusion measures no less than 15 microns. The enclosed graph illustrates head tip wear versus the number of hours on the heads when in use under ideal conditions. If air conditions are poor, heads will wear more rapidly. The rate at which heads wear also decreases as the heads wear.

When comparing the AU-650 to the AU-65, the first point of consideration should be the difference in machine features and capabilities. There are also manufacturing differences between these units in the construction of the head. The AU-650 is a full-featured VTR that can be used for editing as well as for slow motion playback. The AU-65 has fixed heads; therefore, there is no AT capability. AT heads, which are in constant movement, will wear faster than fixed heads.

Following are a few guidelines for keeping the units up to specifications. Keep the tape path clean from tape residue. The amount of this residue depends on the cleanliness and condition of the tapes used. The enclosed graph shows how drop outs are influenced by tape condition. The tape must have a few passes before the drop out rate decreases; however, the tape will wear out with many passes. The upper drums should be changed on the AU-650/660 every 2000 hours. Full drums should be changed every 6000 hours to ensure proper operation of the AT and for good overall tape path. Lower drum wear over time will cause tape instability. Owners of the AU-65 series machines should plan to change their upper drums every 3000 hours with full drum changes every 6000 hours.

The machines would be virtually interchangeable in an edit suite that contained all AU-650s. Even though replacement parts for the AU-650 are higher in cost, due to the complexity of the drum assembly, many users are willing to accept this in exchange for the features. When a machine's performance is less than satisfactory, the user should consider the advantages of refurbishment.

If the existing unit is not refurbished, the user is faced with purchasing one or more of the AU-65 series machines to replace a single AU-650/660. With proper maintenance, all MII studio VTRs will continue to perform for many years.

David Linetsky is the service manager of Specialized Communications in Hagerstown, Maryland.

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Potential Group Buy for MII Replacement Heads

Buy in bulk, save money. You can do it with food, paper towels, light bulbs . . . why not upper and lower head drums? Lloyd Reed, Chairman of the original MII Users Subcommittee, came up with the idea of organizing a "group buy" of MII heads. He has been in communication with Panasonic about the possibility of obtaining a discount on MII heads for older machines by buying in bulk. Once Lloyd has a commitment from a number of MII Users to buy heads, the association can place a large order to Panasonic and receive a discount that we can pass along to those users. Interested in joining other MII users in saving money through a group buy? Read Lloyd's letter and contact him about further details.



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AN OPEN LETTER TO TRIPLE DIGIT SERIES MII USERS

January 1994

Panasonic's Bart Kulesz has approved, in principle, a discounted group buy for triple series heads, upper and lower drums.

We are also encouraging Licensed Panasonic Service Centers to participate in a special rate for installing them.

At this point, the size of the discount promised is "Substantial."

We must now find a "magic number" of units to empower the "Substantial" discount rate.

Let us know how many heads you would like to buy at a "Substantial" group rate discount, and what you would consider a "Substantial" discount.

We need to know by or at the MII Users Association meeting in Las Vegas at NAB.

If you have an opinion and can't attend the meeting, contact me at (703) 385-5830/FAX (703) 385-5984 or write to me at the above address.

If you have a last minute opinion and can't make the MII Users Association meeting, please drop it off at the MII Users Association's booth, #17277.

Thanks,

Lloyd Reed
Chairman, Original Users Group Subcommittee

MII REPAIR

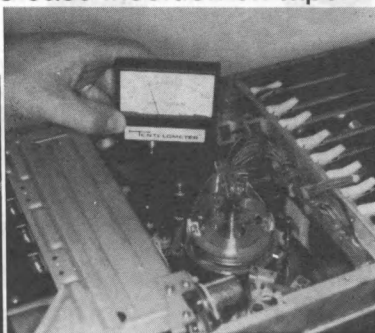
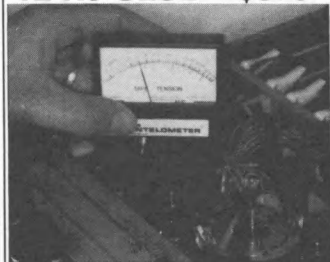
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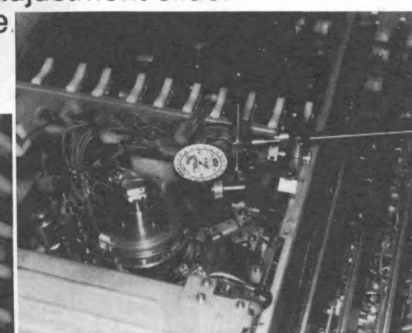
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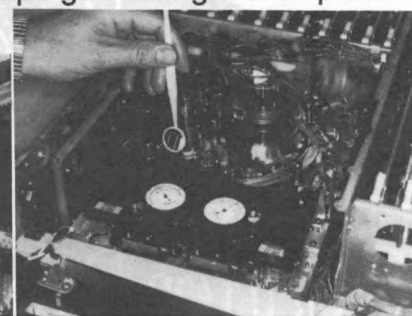
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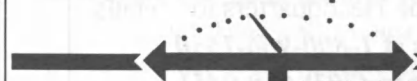
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MII Dude

Battery Debate

Over the last several months, the newsletter has received and published several articles and letters on the performance and care of Panasonic NiCad batteries. The first article started a discussion that has since grown into a debate on the causes of battery memory effect and the proper care and use of AU-BP220 batteries and the AU-B420 charger. The association has been working with Panasonic to come to a resolution on these issues for all users. Following this synopsis of "battery debate" history, there is an official statement from Panasonic addressing these important topics.

The battery issue was originally brought to light in November 1991, when we published an article by Tony Sangiovanni in *MII Playback* entitled, "Procedures for the Care and Feeding of Your Panasonic AU-BP220 Batteries." The article, contrary to Panasonic literature, mentioned that the batteries needed to be trickle charged for an additional 10 to 12 hours after completion of the quick charge. (See reprint on page 11.)

Prior to reading Tony's article, Mr. Dick Slade of Audio Visual Artists' Productions, followed the directions in the literature for charging his eighteen AU-BP220s on a AU-B420, "... When the lamp indicator light blinks, battery pack charge has been completed." When the light began to flash, Mr. Slade would remove the batteries from the charger and take them into the field. The batteries' performance was substandard and grew worse with time. When a "fully charged" battery would last only minutes, Mr. Slade shelved the AU-BP220s and made up his own battery packs with Radio Shack "D" cells.

Upon reading Tony's article, Mr. Slade realized that when he removed his batteries from the charger once the light began to blink, that they were only 65-75% charged, and not fully charged as the literature had lead him to believe. He became concerned that the consistent undercharging of his batteries had resulted in the memory effect that caused their premature failure. Since October 1992, Mr. Slade has corresponded with Panasonic representatives, detailing the problems that he has had and attempting to get restitution. He wrote, "... My problem stemmed, not from your product, but from your promotional and instructional literature, which I followed to the letter, and, in the process, ruined the batteries."

Upon examination of the batteries, Panasonic felt that they had undergone heavy usage, and therefore offered only eight AU-BP220s aa replacements. Attempts to recondition the original batteries were unsuccessful.

Mr. Slade contacted the MII Users Association in November 1993 after reading Tony Sangiovanni's second battery article in the October 1993 issue of the newsletter, "Battery Care -- Charging, Discharging, and Temperature." In the November issue, we printed a response to Mr. Sangiovanni's article by Mr. Dennis Goodrich of Iowa State University, questioning some of Mr. Sangiovanni's terminology and recommended procedures and denying the existence of battery memory effect. In addition, the association has received letters and phone calls from a number of other users who have had problems with or questions about their Panasonic batteries, including a member in Texas whose batteries have developed a terrible memory problem. He is currently trying to recondition them through a continuous charge/discharge (using a 5.5 ohm, 30 watt resistor) process. After a week, his batteries' capacity increased from 25% to 50% capacity.

The MII Users Association has been communicating with Bob Mueller at Panasonic since we received Mr. Slade's letter, updating Panasonic on new developments and requesting that the company take a stand on the issue. The efforts of the association, concerned users, and many Panasonic representatives, have resulted in the following article from Mr. Mueller.

The association wants to continue to be a link between MII users and Panasonic reps on this subject. This month's survey addresses the battery issue in depth, focusing on the AU-BP220s and the AU-B420 charger. The performance of the batteries and the charger is an important issue, and one that the association feels may affect other MII users. Please take a few minutes to answer the questions in the survey. The association wants to hear from you, especially if you have experienced difficulties with your AU-BP220s. Results from this survey will be shared with Panasonic.

Setting the Record Straight: Battery Memory Does Not Effect Battery Life

Battery memory has become a highly debated and often misunderstood battery phenomenon. Even among experts there exists a broad range of opinions in certain areas. Having read with interest the letter in *MII Playback* on battery memory, we felt the issue deserved a Panasonic response. The main point is this: memory effect has no effect on a battery's useful service life.

Before entering into a technical discussion, MII users should be assured that Panasonic has always tried to be up front with them. In November 1991, Tony Sangiovanni wrote an article for *MII Playback* bringing to light the fact that the operating instructions for the AU-B420 battery charger omitted an important step in the charging process. Before any customer brought this omission to our attention, Tony informed MII users about it. This is the way the manufacturer/customer relationships should work. Panasonic has a solid track record of responding to and then solving customer problems. A very talented and conscientious team of professionals handles Panasonic's customer service.

The Memory Effect of NiCad Batteries

All NiCad batteries have a memory effect. The cause of the memory effect can be attributed to two situations: precisely repetitive partial discharge, followed by a full slow charge, and a very long term charging with a trickle rate.

The effect of precisely repetitive partial discharge was first noticed by NASA in a satellite where the battery was discharged only partially to the exact same point and recharged. As

the process continues, the battery will eventually "memorize" this point of partial discharge. If a battery is partially discharged to various and random depths of discharge before recharging, this type of memory effect is not encountered. Batteries should be rotated so that each

successive day begins with a different battery.

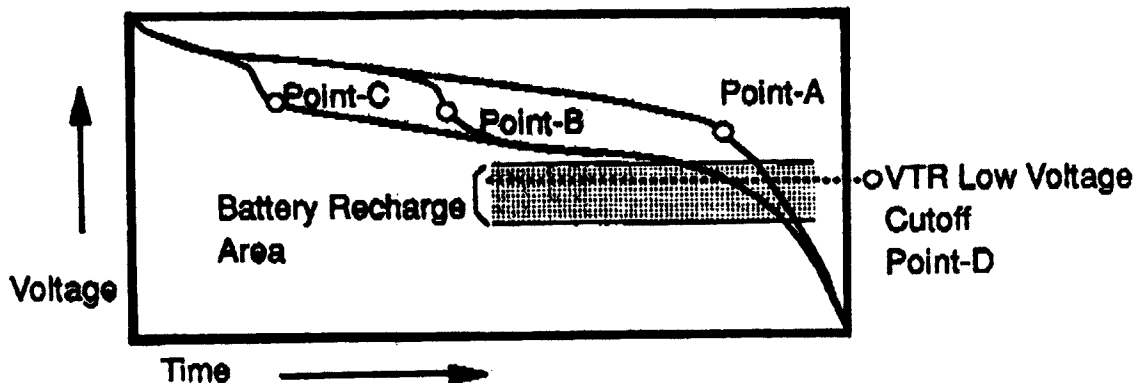
With regards to long term charging at a trickle rate, if the battery is left in slow charge for many days, the crystals of the active materials in the cells can grow in size and cause a condition similar to memory effect. This condition can be avoided by removing batteries from the AU-B420 as soon as possible after a full charge has been achieved. In addition, the condition can be avoided by two or three deep discharges (up to, but not past low voltage warning).

An example of memory effect is highlighted in Figure 1. If a NiCad battery is partially discharged and then subsequently recharged, the battery voltage will quickly drop at point-B on the discharge curve during the next usage. If this operation is repeated, the battery voltage drops sharply at point-C the next time. By repeating this cycle, the battery operation time is drastically decreased.

Quick Charge and Trickle Charge

When a battery completes the quick charge cycle (steady "on" light to "blinking"), the battery is not fully charged. For a "full charge," the battery must be charged an additional 10 to 12 hours (trickle charge) after the initial quick charge cycle is completed. For long term battery operation, both correct charge and discharge are important.

Figure 1



One note: Many people are under the impression that quick charging is damaging to the battery or "stresses" the battery. Inherently, quick charging is no more stressful to the cell than slow charging if the proper cells and protection are employed.

(1) Correct discharge

Discharge the battery until point-D in the shaded area (area that the battery should again be recharged). Do not charge the battery after only partial use. Please remember to discharge to the low voltage cutoff point before recharging.

(2) Correct charge

The battery should be fully charged for 10-12 hours by trickle charge after the initial quick charge cycle is completed. When the indicator light changes from steady to blinking, trickle charge is being applied.

Canceled of the Memory Effect

By using the battery to point-D, then beginning a full charging cycle, the battery memory effect will be canceled.

Memory effect and battery life

Even when memory effect occurs, by repeating steps one and two above a few times, memory effect will be canceled. Memory effect is not related to battery life. Battery life is dependent upon operating conditions, such as temperature, battery age, humidity, self discharging, etc.

How long a battery will last is a tough question. Even under the best care, NiCad batteries will not last forever. Proper use and maintenance have a large impact on a battery's life expectancy. For example, a driver who neglects changing his car's oil regularly shouldn't expect to drive that car for hundreds of thousands of miles. Video users shouldn't place unrealistic expectations on their NiCad batteries either.

AU-B420 Charger System

A few words should be devoted to the operation of the AU-B420 Battery Charger System in combination use with MII VTRs.

The low voltage cutoff level of MII VTRs is correctly set to protect the battery from being overly discharged. By following the charge and discharge operating steps below, the battery can be used efficiently without worrying about overcharging or overly discharging.

(1) Use battery until Low Voltage Cutoff operation of the VTR works.

(2) Charge the battery with the specified Panasonic battery charger for 10 to 12 hours with the trickle charge after the initial quick charge cycle is completed. When the indicator light changes from steady on to blinking, trickle charge is being applied.

(3) If fully charged batteries are stored for an extended period of time, it is recommended that a volt meter be used to check the voltage of the batteries. If the volt meter reads 12 volts or less, the batteries are not fully charged, and reduced operating time should therefore be expected. A full discharge and charge cycle should therefore be performed prior to using the battery.

Incorrect Operating Instructions

Regrettably, an inadvertent omission was made in the operating instructions of the AU-B420 battery charger. The trickle charge step was left out of the recharging process. Any inconvenience this omission may have caused is sincerely regretted. However, corrective steps have been made. First, the operating instructions of all new AU-B420 chargers will be shipped with the correct recharging information included. In addition, Panasonic is now preparing a field service bulletin to alert all MII users to the correct charging procedure.

A special 800 support number exists for MII technical inquiries. The field service engineers staffing this line are prepared to answer any MII technical questions and can be reached at (800) 742-6530.

The MII Users Association and its newsletter, *MII Playback*, are applauded for the open forum it offers MII users, and the opportunity we have to listen and respond to their concerns.

Sincerely yours,

Bob Mueller

General Manager

Professional Audio-Video Division

**Proper Care and Feeding of Your Panasonic
AU-BP220 Batteries**

Reprinted from November 1991, by Tony Sangiovanni

"Normal charging procedures are as follows: charge the batteries as usual, when they have completed the quick charge cycle the indicator light will change from steady on to a "blinking" mode. When the charge lamp changes to the "blinking" mode, that is when the charger changes from quick charge to trickle charge and the battery packs are between 65% and 75% charged. It is recommended that the batteries be left on the charger to trickle charge another 10 to 12 hours. At that time they will be fully charged. If the batteries are only allowed to quick charge, they will develop a "memory." This will eventually prevent the batteries from holding a charge. (Batteries that have developed a "memory" may be able to be reconditioned.)

"If the fully charged batteries are allowed to sit around for a while before being used, use a volt meter to check the voltage of the batteries. If the volt meter reads 12.5 to 14 volts, the batteries are still fully charged. But, if the volt meter reads 12 to 10.8 volts or less, then the batteries are not fully charged. Place the partially charged batteries on the charger, after the charge lamp begins to blink, leave the batteries on the charger for another 10 to 12 hours. *Be sure to periodically check the batteries to make certain that they do not overheat (if the battery is warm to the touch, it is charged).*" □

MII Specifications for Bid Writing

Many MII dealers have told us that they are often approached by State and Local Institutions that will be sending out equipment purchase bids. Many times these bids are written around Betacam SP specifications, even though the customer may be interested in MII. To help in these situations, we have enclosed a document that is entitled "The Specifications and Parameter for Broadcast Quality Analog 1/2" Component Video Recorders/Editors/Players." This document is written for the MII specifications, which can assist the bid writes.

The Specifications and Parameters for Broadcast Quality Analog 1/2" Component Video Recorders/Editors/Players

SCOPE

1.1 Specification for a broadcast quality, 1/2", component, cassette based, videotape recording system.

2.0 GENERAL SPECIFICATIONS

2.1 All video recorder/editor/players to be furnished will conform to recording and playback of video signal consistent with the NTSC, 525 line, 59.94 field standard.

2.2 All video recorder/editor/players to be furnished will operate within a supplied voltage range of 100 to 120 V AC, both 50 and 60 Hz, with a tolerance range of +/-10%.

2.3 All video recorder/editor/players to be furnished will be capable of being rack mounted in an industry standard 19" wide rack. The hardware to accomplish this capability may be an additional (optional) accessory.

3.0 VIDEO RECORDING/PLAYBACK SPECIFICATIONS

3.1 All video recorder/editor/players to be furnished will record and playback using metal particle tape as the recording medium only.

3.2 All video recorder/editor/players to be furnished will have a normal record/playback linear tape speed of 67.693 mm/sec, for maximized tape usage efficiency.

3.3 All video recorder/editor/players to be furnished will have a relative FF and REW speed of 32 times normal recording/playback speed, with a black and white picture output during FF and REW.

3.4 All video recorder/editor/players to be furnished will be of an analog component recording type, with a capability of accepting and outputting analog component video signals. These signals are commonly identified as: Luminance component (Y), Red color difference component (R-Y) and Blue color difference component (B-Y). Furthermore the levels for these signals shall be as follows: Y equal to 1.0 volt P-P, 75 ohms, R-Y equal to 0.525 volt P-P, 75 ohms and B-Y equal to 0.525 volt P-P, 75 ohms.

3.5 All video recorder/editor/players to be furnished will utilize a 4 rotary head; 2 track helical scanning recording playback configuration.

3.6 All video recorder/editor/players to be furnished will have an internal built-in time base corrector (TBC), with a correction window of 262.5 horizontal lines.

3.7 All video recorder/editor/players to be furnished will have an internal built-in dropout compensator that is capable of correcting for up to a full field of dropout.

3.8 All video recorder/editor/players to be furnished will record/playback the luminance signal using a frequency modulation system, while recording/playback of the chroma component signals will be using a frequency modulation system with the 2 chroma component signals time compressed by multiplexing.

3.9 All video recorder/editor/players to be furnished will have the following video bandwidth specifications: Luminance (Y) equal to 30Hz to 4.5MHz, +0.5/-4.0dB; Chroma (C) (R-Y, B-Y) 30Hz to 1.5MHz, +0.5/-3.0dB.

3.10 All video recorder/editor/players to be furnished will have the following signal to noise ratio specification: Component Y: 49dB or greater; Composite Y: 47dB or greater; C (AM,PM): 52dB or greater.

3.11 All video recorder/editor/players to be furnished will have a YC delay factor specification of less than 20ns.

- 3.12 All video recorder/editor/players to be furnished will have a nominal K-Factor specification (2T pulse) of 2 percent or less with metal particle tape.
- 3.13 All video recorder/editor/players to be furnished will have a differential gain specification of 3% or less.
- 3.14 All video recorder/editor/players to be furnished will have a differential phase specification of 3 degrees or less.
- 3.15 All video recorder/editor/players to be furnished will have a linearity specification of 3% or less, in component.
- 4.0 AUDIO RECORDING/PLAYBACK SPECIFICATIONS**
- 4.1 All video recorder/editor/players to be furnished will be capable of recording and playing back 4 separate audio channels. Furthermore, channel 1 and channel 2 will be of a linear type written and read by stationary audio heads, while channel 3 and channel 4 will be FM tracks, written and read by the rotating video heads.
- 4.2.0 LINEAR AUDIO SPECIFICATIONS (CHANNEL 1 AND CHANNEL 2)**
- 4.2.1 All video recorder/editor/players to be furnished will have the following frequency response specification: 50 Hz to 15 KHz, +2.0/-3.0 dB.
- 4.2.2 All video recorder/editor/players to be furnished will have the following signal to noise ratio specification; 56 dB, or better with Dolby noise reduction off, and 74 dB, or better with Dolby noise reduction on. This specification is at 3% distortion.
- 4.2.3 All video recorder/editor/players to be furnished will have a cross-talk specification of less than -60 dB, at 1 KHz.
- 4.2.4 All video recorder/editor/players to be furnished will have an erase ratio (at 1 KHz) of less than -65 dB.
- 4.2.5 All video recorder/editor/players to be furnished will have an audio phase specification of +/- 20 degrees, at 15 KHz.
- 4.3.0 FM AUDIO SPECIFICATIONS (CHANNEL 3 AND CHANNEL 4)**
- 4.3.1 All video recorder/editor/players to be furnished will have the following frequency response specification: 20 Hz to 20 KHz, +2.0/-3.0 dB.
- 4.3.2 All video recorder/editor/players to be furnished will have an audio dynamic range of 85 dB or greater (A WTD).
- 4.3.3 All video recorder/editor/players to be furnished will have a distortion specification of 0.5%, or less, at 1 KHz standard input level.
- 4.3.4 All video recorder/editor/players to be furnished will have a cross-talk specification of less than -65 dB, at 1 KHz.
- 4.3.5 All video recorder/editor/players to be furnished will have an audio phase specification of +/- 10 degrees, at 15 KHz.
- 5.0 INPUT AND OUTPUT CONNECTORS AND SPECIFICATIONS**
- 5.1.0 VIDEO INPUT CONNECTORS AND SPECIFICATIONS**
- 5.1.1 All video recorder/editors to be furnished will have 2 video input connectors. These connectors will be loop-through BNC connectors with a 75 ohm termination, selectable ON/OFF, for a 1 volt P-P signal.
- 5.1.2 All video recorder/editor/players to be furnished will have a reference video input. This input will consist of 2 loop-through BNC connector with a 75 ohm termination, selectable ON/OFF, for a 1 volt P-P signal.
- 5.1.3 All video recorder/editors to be furnished will have a 4- pin Y/C (S-Video) input connector. This S-Video connector will accept a Y signal of 1.0 volt P-P, at 75 ohms; and a C signal of 0.286 volt P-P at 75 ohms, with standard burst level.
- 5.1.4 All video recorder/editor/players to be furnished will have to capability to input component video signals through 3 BNC connector. The standard input levels for component signals will be: Y, 1.0 volt P-P; R-Y and B-Y, 0.525 volt P-P; with an input of 75% color bar signal with 0% setup.
- 5.2.0 VIDEO OUTPUT CONNECTOR AND SPECIFICATIONS**
- 5.2.1 All video recorder/editor/players to be furnished will have 3 video output connectors. These video outputs will be referred to as Video Output 1, Video Output 2 and Video Output 3.
- 5.2.2 All video recorder/editor/players to be furnished will provide a Video Output 1 which will be a BNC connector and will supply a selectable composite or non-composite output. The composite output will supply a 1.0 volt P-P signal with negative sync, into a standard 75 ohm load. The non-composite output will supply a 0.715 volt P-P signal into a standard 75 ohm load.

- 5.2.3 All video recorder/editor/players to be furnished will provide a Video Output 2 which will be a BNC connector and will supply a composite output that is a 1.0 volt P-P signal with negative sync, into a standard 75 ohm load.
- 5.2.4 All video recorder/editor/players to be furnished will provide a Video Output 3 which will be a BNC connector and will supply a composite output that is a 1.0 volt P-P signal with negative sync, into a standard 75 ohm load. Video Output 3 will include a capability to provide a character or superimpose output for time code or machine status information to be displayed along with the output video signal. The specified levels are for video with or without the characters.
- 5.2.5 All video recorder/editor/players to be furnished will have a 4-pin Y/C (S-Video) output connector. This S-Video connector will output a Y signal of 1.0 volt P-P, at 75 ohms; and a C signal of 0.286 volt P-P at 75 ohms, with standard burst level.
- 5.2.6 All video recorder/editor/players to be furnished will have to capability to output component video signals through 3 BNC connector. The standard output levels for component signals will be: Y, 1.0 volt P-P; R-Y and B-Y, 0.525 volt P-P.

5.3.0 AUDIO INPUT CONNECTORS AND SPECIFICATIONS

- 5.3.1 All video recorder/editors to be furnished will have 4 XLR 3 pin audio input connectors. All audio connections will have an input specification of +4, 0 and -20 dBu, level, switchable. All audio inputs will be a high-impedance type and balanced.
- 5.3.2 All video recorder/editor/players to be furnished will have one BNC input for time code, which will accept a 0.5 volt P-P to 8 volt P-P signal. This input will be a high-impedance type and unbalanced.

5.4.0 AUDIO OUTPUT CONNECTORS AND SPECIFICATIONS

- 5.4.1 All video recorder/editor/players to be furnished will have 4 XLR, 3 pin audio output connectors. All audio connections will have an output specification of +4, 0 and -20 dBu, level, switchable. All audio outputs will be a low-impedance type and balanced.
- 5.4.2 All video recorder/editor/players to be furnished will have one BNC output for time code, which will provide a 2.2 volt P-P signal. This output will be a low-impedance type and unbalanced.
- 5.4.3 All video recorder/editor/players to be furnished will have 1 XLR, 3 pin audio output connector to serve as an audio monitor output. This output will provide a mixed audio output signal from the 4 audio channels at 0 dBu level and will be low-impedance and balanced.
- 5.4.4 All video recorder/editor/players to be furnished will provide for a 1/4" phono stereo jack for headphone audio monitoring. This output will a variable output with a range of minus infinity to -20 dBu, into 8 ohms.

6.0 METERING AND DISPLAYS

- 6.1 All video recorder/editor/players to be furnished will provide for audio input level meters. Recorder will have 4 separate meters for monitoring audio input and output levels. Players will have 2 separate meters for monitoring audio output levels, switchable between channel 1 and 3, and 2 and 4 respectively.
- 6.2 All video recorder/editors to be furnished will have a video input level meter.
- 6.3 All video recorder/editor/players to be furnished will have a tracking meter for monitoring playback RF envelope level. On recorders this may be switchable between the input video level function and the tracking function for playback.
- 6.4 All video recorder/editor/players to be furnished will have an alpha-numeric fluorescent information panel.
- 6.4.1 Recorders will have a 2 line, 32 character display that will provide the following information:

Time code, User bit or CTL information (selectable)

Machine status

Remaining tape time

Error warning messages

Editing information

Specifically:

Edit in point

Edit out point

For split audio editing:

Audio split in point

Audio split out point

Variable speed indication

Jog speed indication

- 6.4.2 Players will have a single line display that will provide the following information: Time code, User bit or CTL

information (selectable).

7.0 ADDITIONAL CONSIDERATIONS

- 7.1 All video recorder/editor/players to be furnished will have the capability to record NTSC video signals in both the standard 4:3 aspect ratio, as well as 16:9 wide aspect ratio. Identification of such wide aspect NTSC signals will be performed "on tape", as well as output through the S-VHS Y/C (S-1 Video) connector to the monitor.
 - 7.2 All video recorder/editor/players to be furnished will be capable of remote control by means of a serial, 9-pin, RS-422 signal. Furthermore the video recorder/editor/players to be furnished will conform to the serial control signal protocol commonly referred to as RS-422A, and as such will have 16 discreet addresses available.
 - 7.3 All video recorder/editor/players to be furnished will have available, as an optional feature, the ability to accept parallel input control signals through a 50 pin connector. This parallel control system input feature may be an option at additional cost.
 - 7.4 All video recorder/editor/players to be furnished will provide for quick and simple menu type set-up configuration. This set-up menu will be configured to be visually displayed on a standard video monitor, as well as menu item identification displayed on the front panel, when activated by the operator.
 - 7.5 All video recorder/editor/players that have a slow-motion playback capability will have a slow-motion playback range of -1 to +2 times normal playback speed.
 - 7.6 All video recorder/editor/players to be furnished will have the optional capability to provide a digital component video output signal. This digital output will be a parallel component digital signal (4:2:2), consistent with SMPTE 125M industry standard. This parallel digital output may an option at additional cost.
- #### **8.0 OPERATING MANUALS AND PERIPHERAL ITEMS**
- 8.1 All video recorder/editor/players to be furnished will be provided with 1 complete operating instruction manual.
 - 8.2 All video recorder/editor/players to be furnished will be provided with 1 A/C power cable.
 - 8.3 All video recorder/editor/players to be furnished will be provided with 1 RS-422 (9-pin) serial control cable.

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New Wave of MII Machines to be Introduced at NAB

Although there have been no formal announcements from Panasonic concerning the rumor of a new series of MII machines, MII Man's spies deep within the company's organization have let the cat out of the bag! A new generation of lower price MII machines will be introduced at NAB with almost all of the great features that are offered on the "H" series units. The new machines, however, will be intended for computer control type applications such as desktop, graphics, and CART

systems, as there is no front panel shuttle knob for local control. Still, for the price, the advantages of a 3 dimensional TBC, 4 channel audio, and other features will blow away anything available on the market today in the 1/2" component editing realm, especially with the unprecedented and acclaimed Project 2000 Service Program. Most importantly, it is another indicator that Panasonic is staying committed to the format and a big thorn in the side for the "only baloney" fools who've been predicting MII's demise for years. "Hey Sony? We're not going away! Deal with it!" Details will be forthcoming as we get closer to NAB. Stay tuned! □

MII in Concert

Last November, Gardy-McGrath International temporarily relocated a third of its MII equipment and half of its staff to DAR Constitution Hall to produce the Veterans Administration's annual musical Christmas show. In addition to subcontracting and coordinating all technical aspects of the concert, including the lighting and sound systems, a GMG crew, headed by Mark Janssen, engineered a six camera shoot. Panasonic engineers Tony Sangiovanni (MII Dude) and Sam Botros traveled from Secaucus, New Jersey, to be on hand during set-up to

help tackle any last minute problems.

The performance was switched live under the direction of Mr. David Gosey with GMG camera operators behind the 3-CCD lenses. Additional GMG technical staff monitored the audio, lighting, and picture quality from the engineering room. An AU-65H and two AU-520s were used to record a master tape and two ISOs.

The concert was videotaped before a live audience for broadcast at over 200 Veteran's Administration facilities across the country during the holiday season. The 90 minute concert was emceed by *Newsweek* correspondent Eleanor Clift, with other performances by Wintley



GMG roaming camera on stage during rehearsal for the Veterans Administration Christmas Concert show on November 10, 1993, at DAR Constitution Hall.

Film to MII? You Bet!!!

"If you think that video footage mastered onto MII looks great, you should see what it does by 16mm film," states American Magnetic Media's president, Jeff Martin.

"Being located in Denver, Colorado, we recently had the opportunity to duplicate several thousand ski videos which were shot entirely on 16mm film. The producer, "under our encouragement," decided to transfer and edit to MII. The results were breathtaking. I've never seen anything so vivid and rich in color coming out of a duplication bay. It actually looked like D-2 at first glance.

"We've also seen an increase in corporate videos and TV commercial spots coming from the MII format. Bill Nelson, President of Nelson Media Group in Bakersfield, California, is exclusively shooting on MII for such companies as Shell Oil and Contel of California. Bill states that MII is a profitable alternative to Betacam SP simply because of equipment cost. The look is strong and the clients love it. It appears with all the duplication American Magnetic Media is receiving, MII has truly made its mark in the production family. Our MII source decks are spinning 24 hours a day without rest, while other source decks operate only during first and second shifts. It's wild, that's for sure. But it's fun. Keep those MII programs coming. For your duplication needs, you can reach American Magnetic Media toll free at 1-800-USA-TAPE, extension 3 (customer support). "□

Phipps, Shirley Jones, and the VA Medical Musical Group.

The concert videotape was interspersed with seasonal footage from GMG's stock library. The final presentation, enhanced by a 3-D animated graphic logo and other special effects, was post-produced by Jim Meeks in one of three MII edit suites at GMG's Reston, Virginia, full-service production facility. □

SUREFAX to Ensure Membership Dues and NAB Info

One of the benefits of membership in the MII Users Association is the SUREFAX system, which enables us to disseminate information quickly and easily to all members via fax machine. The association will be introducing the system to MII users during the last week of January, faxing dues reminders to those members who have yet to pay their annual membership fees for the period of September 1993 - September 1994. After receiving the reminder, you need only fill out the form and send it

back to the association with your \$25.00. Please do so immediately! The association needs your support!

There will be a lot of upcoming information regarding NAB and the MII Users meeting that will take place in Las Vegas during the convention that we plan to send out via SUREFAX, so be sure that the MII Users Association has your fax number. You don't want to miss any important details! If you haven't sent in your dues and your registration form, there is a space on the form for your fax number. If you neglected to give it to us on your form or you have gotten a fax line since you sent in your dues, please call or fax in your number to us. □

The Association Needs Your Help!

The start of the new year is a time for innovation, change, and improvement. The association wants to hear your opinions, your ideas, and, if applicable, your complaints.

The newsletter is a forum for all members in the association. Many of you take advantage of the free listings in the trading post to list your equipment for sale or equipment that you are looking to buy. We're glad so many of you benefit from this service, and we encourage you to get involved in the newsletter, and therefore the association, in other ways as well.

The association eagerly accepts press releases from all members, detailing specific projects, equipment acquisitions or upgrades, or services related to the MII format. Technical tips are also of great value to the readership. Information regarding equipment repair, integration, and utilization helps other users make the best use of their MII equipment, which benefits the format as a whole.

Many of the articles that appear in the newsletter every month come from fellow members. So drop us a line, and let the entire association

know what you are doing, creatively and technically.

Also, we need more readers to respond to the monthly surveys! The information that we gather from the monthly questionnaires does not stop in the survey results that appear in the following newsletters. The answers are important to the association and the MII format. Relevant answers are shared with Panasonic representatives, who value user input. All information becomes a part of the vast resources that the association is developing in order to better serve all users. So please, take a few minutes every month to answer the questions, and fax or mail the form back to us.

And finally, the association coffers need your support. Membership dues cover the costs incurred for printing and mailing the newsletter. Money made through the sale of training tapes and maintenance disks support the day to day operations at headquarters and enable the association to exhibit at NAB. Membership dues reminder cards will be mailed out again to those members who have yet to pay their \$25.00 for the September 1993 - September 1994 period. If you have

Maintenance Software

Brian Roos, the Senior Field Engineer for Panasonic's Broadcast Engineering and Service Division in Norcross, Georgia, has developed a computer database with step-by-step instructions for performing routine maintenance on most models of Panasonic MII equipment.

The instructions found in this database are meant to be a "user friendly" companion to the maintenance procedures found in Panasonic's service manuals. Procedures for adjusting RF, A/C heads, tape tension, linear audio, and mechanical presets are included; as well as a flow chart illustrating the proper order in which to make these adjustments.

Although not 100% complete the database provides information for the following models: AU-400, AU-410, AU-500, AU-550, AU-60, AU-650, AU-620, and AU-65. The database has an easy-to-use interface for viewing files, and you can print out hard copies of each procedure.

Copies of this program are available from the Association. Each disk, which has information on all of the machines listed above, costs only \$15. Payment can be made by check or credit card. Simply call the Association at 1-800-966-1030 or (703) 620-6000 or fax your request to (703) 620-0451. Be sure to specify what size disk you need -- 3.5 or 5.25 inch. We appreciate the effort Brian has put into this project, and we'll provide updates as he adds information about the rest of the MII line.

Canadian members, please contact Denis Orendt of Panasonic Canada, at (416) 238-2269. He'll be able to provide the disk for you. □

not yet paid your membership dues, please do so immediately! The association cannot survive without your support. Help yourselves by helping the association. □

Authorized Panasonic Dealers/Repair Centers

The following is a current list of dealers and independent servicers authorized to repair Panasonic MII products, provided by courtesy of Wint Ramsey, of Panasonic Broadcast and Television Systems Company.

Northeastern

Advanced Video Systems
19 Roots Lane
Owego, NY 13827
(607) 687-0545

AVEC Electronic Corporation
2002 Staples Mill Rd.
Richmond, VA 23230
(804) 359-6071

Colortone Camera, Inc.
76 S. Central Ave., Rte. 9A
Eimsford, NY 10523

Communications Televideo
9301 Georgia Ave.
Silver Spring, MD 20910
(301) 585-6311

Crimson Camera Tech Sales
325 Vassar St.
Cambridge, MA 02139
(617) 868-5150

Eastern Video Systems, Inc.
2 Sterling Rd.
Billerica, MA 01862
(508) 667-0009

Great Northern Video
31 Industrial Park Dr.
Concord, NH 03301
(603) 228-0412

Levin Professional Services, Inc.
11157 Viara Mill Rd.
Wheaton, MD 20002
(301) 942-6800

Professional Video Sales
1001 Sussex Blvd.
Broomall, PA 19008
(215) 544-0311

Quail Video Productions
924 Penn Ave.
Pittsburgh, PA 15221
(412) 243-1300

Specialized Communications (KEY)
907 Maryland Ave.
Hagerstown, MD 21740
(301) 790-0103

Videoplay Industries, Inc.
RT30 Tolland Ind. Park
Rockville, CT 06066
(203) 872-9195

Midwest

Alpha Video & Audio, Inc.
1836 2nd Ave. South
Bloomington, MN 55420
(612) 881-2055

B&J Photo, Inc.
525 North Main St.
Findley, OH 45040
(419) 424-0903

Camera Corner, Inc.
523 Monroe St.
Green Bay, WI 54305
(414) 435-5313

Communication System Group
13355 Capitol Ave.
Oak Park, MI 48237
(313) 399-2000

Full Compass Systems, Inc.
5618 Odana Rd.
Madison, WI 53719
(608) 271-1100

Industrial Broadcast Services
5436 W. Mingo, Suite F
Tulsa, OK 74146
(918) 663-5123

Industrial Video, Inc.
1601 N. Ridge Rd.
Lorain, OH 44055
(216) 233-5805

Madison Video Repair (KEY)
1409 Greenway Cross
Madison, WI 53713
(608) 274-3464

Modern Communications, Inc.
1733 Larkin WMS Rd.
St. Louis, MO 63023
(314) 343-0800

Pratt Audio Visual/Video Corp.
200 Third Ave., SW
Cedar Rapids, IA 52404
(319) 363-8144

Professional Video Supply
9401 Santa Fe Dr., Suite L101
Overland Park, KS 66212
(910) 642-5528

Swiderski Electronics
1200 Greenleaf Ave.
Elk Grove Village, IL 60007
(708) 364-1900

TV & Video Service (KEY)
14121 "S" St.
Omaha, NE 68137
(402) 895-3100

Thalner Electronics Labs, Inc.
7235 Jackson Rd.
Ann Arbor, MI 48103
(313) 761-4506

West

A-VIDD Electronics Co.
3920 Gilman St.
Long Beach, CA 30815
(213) 498-7776

Accent Audio Video
13616 Mautron Rd.
Dallas, TX 75244
(214) 458-0501

Audio Visual Supply, Inc.
4575 Ruffner St.
San Diego, CA 92111
(619) 565-1101

Davis Audio Visual, Inc.
2100 Clay St.
Denver, CO 80211
(303) 455-3440

E.C.I Video
2809 Ross Ave.
Dallas, TX 75201
(214) 969-6946

G.C. Video, Inc.
425 Eubank Blvd. NE, Suite E
Albuquerque, NM 87123
(505) 293-6509

GRC Electronics (KEY)
1181 Pioneer Way
El Cajon, CA 92020
(619) 464-6446

High Tech Video Services (KEY)
931 Enterprise Dr.
Sacramento, CA 95825
(916) 922-1400

IVS
7925 Auburn Blvd.
Citrus Heights, CA 92111
(916) 725-6600

Lubbock Audio Visual Co., Inc.
2120 Avenue Q
Lubbock, TX 79411
(806) 744-2559

Metrovics, Inc.
3000 Catlina Ct.
Los Alamitos, CA 90720
(714) 827-4580

PCI, Inc.
1595 West Amador, Suite H
Las Cruces, NM 88005
(505) 523-7788

Professional Video & Tape, Inc.
10240 SW Nimbus, Suite L11
Tigard, OR 97223
(503) 598-9142

Studio Spectrum, Inc.
1056 N. Lake St.
Burbank, CA 91502
(808) 843-1610

Troxwell Communications
4030 South 38th St.
Phoenix, AR 85040
(602) 437-7240

TV Specialists, Inc./Video
180 East 2100 South, Suite 104
Salt Lake City, UT 84115
(801) 486-7555

Video Technical Services, Inc.
222 Truman NC
Albuquerque, NM 87108
(505) 265-4045

Southern

Audio Video Specialists, Inc. (KEY)
234 Metairie Rd.
Metairie, LA 70005
(504) 835-4027

Broadcast International Group
8200 NW 27th St., Suite 101
Miami, FL 33122
(305) 599-2112

Crecent Communication
3535 Chateau Blvd., Suite 3
Kenner, LA 70065
(504) 466-4454

Custom Supply, Inc.
2509 5th Ave. South
Birmingham, AL 35233
(205) 252-0141

Florida Video Systems
1422 NW 7th Ave.
Miami, FL 33168
(305) 688-6618

H.B Centennial
2500 NW 39th St.
Miami, FL 33142
(305) 633-2200

K&M Electronics (KEY)
2620F Mountain Ind. Blvd.
Tucker, GA 30084
(404) 934-2151

Long Communications Group, Inc.
96 Burke St.
Winston-Salem, NC 27101
(919) 725-2306

Mission Service Supply
Drawer 2957
W. Monroe, LA 71294
(318) 325-8674

Showcase, Inc.
2323 Cheshire Bridge Rd. NE
Atlanta, GA 30324
(404) 325-7676

Total Audio Visual Services
811 Marietta St.
Atlanta, GA 30318
(404) 975-7555 □

Government Solicitations

Department of the Interior, U.S. Geological Survey, Office of Procurement and Contracts, Mail Stop 205A, Room 6A331, 12201 Sunrise Valley Drive, Reston, VA 22092

T-GRAPHIC ART DESIGN AND PRODUCTION SERVICE. SOL 8009. Due 021494. POC Ms. Cindy Sather (703) 648-7361 (contact). Ms. Kathy Craig (703) 648-7357 (CO). The National Mapping Division of the U.S. Geological Survey produces and distributes to the public different types of maps and map products. It presently has a requirement for contractors to furnish all labor, facilities, and materials required for the design and production of creative graphic art work for conveying information in various forms of visual communications media, including, but not limited to, educational and scientific materials, publications, posters, catalogs, leaflets, order forms, internal tracking documents, point-of-purchase materials, advertisements, public service announcements, promotional and direct mail communications materials and signage. Offerors shall be required to demonstrate considerable experience and expertise in the area of grid design and the ability to produce science and educational materials. Offerors should also be capable of demonstrating good quality writing based on grammar and syntax. Previous experience with government non-profit organizations is highly desirable. Due to the requirement for frequent contact between government personnel and the contractor and the need for rapid response times, the contractor must be capable of meeting with government personnel at the U.S. Geological Survey, Reston, Virginia, within a two hour response time. The government intends to make multiple awards by means of an indefinite

delivery indefinite quantity contract consisting of one base year and three option years to begin on September 21, 1994. The proposed contract is 100% set aside for small business concerns. No telephone requests for this solicitation package will be accepted. (0350)

U.S. Fish and Wildlife Service, Branch of Construction Contracting, 143 Union Boulevard, Suite 300, P.O. Box 25207, Denver, CO 80225-0207
T-AUDIO-VISUAL ELEMENTS FOR WALNUT CREEK, NATIONAL WILDLIFE REFUGE. SOL RFP No. FWS 10-94-017. DUE 022594. POC Contact Bev, Vicki, or Pat, (303) 236-8191. The contractor will provide everything to perform and complete creative development, production, installation, and testing of the audio-visual elements for the Walnut Creek National Wildlife Refuge Visitor's Center near Prairie City, Jasper County, Iowa. The Visitor's Center serves to orient visitors to the site, tallgrass prairie, and prairie construction. The exhibits will employ a variety of media, including hands-on interactives, dioramas, graphics, and audio-visual exhibits. The audio-visual exhibits include: Orientation Theater, Fire Theater, People of the Prairie Mini Theater, Prairie Zoomer, and Prairie Ribbon Ambient South System. Work will include development and completion of all treatments, scripts, storyboards, and graphics. The contractor will provide all necessary research to complete the audio-visual elements. The contractor will be responsible for all shooting and production, talent selection, contracting and releases for people and images which appear in the productions, and acquiring the rights to use historic and contemporary documents as part of these audio-visual elements. Work will also include all audio-visual systems design and coordinating audio-visual elements

with building and exhibits. Additionally, the work will include procurement of all operating programs and software, all programming, scripting, debugging, etc. as necessary to deliver finished and completely operational audio-visual presentations. The contractor is responsible for procurement, installation, testing, and debugging of all equipment, hardware, wiring, and cabling necessary to provide completed audio-visual systems in the exhibits and building. The contractor is required to provide staff training, preparation of operating instructions, and maintenance manuals. It is anticipated that the Request For Proposal (RFP) will be issued on or about January 7, 1994; with a subsequent proposal due date of February 25, 1994. The performance period for this contract is 695 calendar days from the date of contract award. The estimated dollar/magnitude of effort required for this project is \$1.0 - \$2.0 million. This procurement is open to both Large and Small business Firms. S.I.C. - 7812 \$14.5 Million. A limited amount of plans/specifications will be made available on a first come, first served basis. All requests for the solicitation must be in writing by mail or facsimile. Our fax number is (303) 236-0491. Planholders (Solicitation) lists will only be supplied upon written requests per FAR 14.205-5. (0338)

Wallowa-Whitman National Forest, P.O. Box 907, Baker City, OR 97814
T-VIDEOTAPE PRODUCTION SOL 16-94-11. Due 021594. Contact Contracting Section, (503) 523-6391. Hills Canyon Videotape Production. Produce and edit a final product, a professional quality videotape which showcases Hells Canyon National Recreation area of Oregon and Idaho. The video will highlight the diversity of Hells Canyon - wildlife, terrain, history/prehistory, weather, seasons, recreation, vegetation, life zones, and land management. Offers are being solicited from firms randomly selected from the QPL, maintained by the Federal Audio Visual Contract Management Office. Other qualified producers/individuals who are on the QPL may request copies of the RFP. Award is restricted to firms/individuals on the QPL and is 100% set-aside for small business concerns. □

MII Duplication Facilities

If you are a duplicator, or if your facility does duplication in addition to its other services, and you are an MII User, the Association needs to know about it. We are compiling a list of MII Duplicators that we'll run regularly in the newsletter.

Currently our list includes:

Action Video Productions
Greenville, SC
(803) 297-8865

American Production Services
Seattle, WA
(206) 282-1776

Advanced Audio Video Denver, CO
800-368-0406

American Magnetic Media
Denver, CO
800-USA-TAPE

AME N. Hollywood, CA
800-336-3827

Avon Productions
South Plainfield, NJ
(908) 756-0643

Bennu Productions New York, NY
(212) 213-8511, Wayne Keeley

Broadcast Video Products
480 Main St Armonk, NY
(914) 273-6649, Jack Miller

Cassette Dub Inc. Northvale, NJ
(201) 767-7077

CenterCom, Inc.
Milwaukee, WI (414) 353-2001
Lincolnwood, IL (708) 675-1411
Tampa, FL (813) 886-8266

Commercial Video 101 Winston St.,
Cumberland, MD 21502
(301) 724-2799, ask for Greg.

Commonwealth Films
Richmond, VA
(804) 649-8611

Copymaster Video Villa Park, IL
(708) 279-1276

Cinequipt St Paul, MN
(612) 646-1780

Creative Visual 10135 J St.,
Omaha, NE 68127
800-547-4184, ask for Larry.

Curtis Inc. Charlotte, NC
800-733-2878

Curtis Inc.
Cincinnati, OH 45202
800-733-2878

ECI Dallas, TX
800-880-9400

Elite Video Production
Brooklyn, NY
(718) 627-0499

Global Vision Reisterstown, MD
(301) 356-6715

Group Video Productions
Sacramento, CA
1-800-748-4982

HAVE, Inc. Hudson, NY
(518) 828-2000

Industrial Audio Video
Houston, TX
(713) 535-2375

Industrial Communications
Birmingham, AL
(205) 942-0132

International Video Center
2528 Edgehill Rd
Cleveland Heights, OH 44106
(216) 321-1440

Juntunen Video Minneapolis, MN
(612) 341-3348, Mike Vinup

MagneTech Ft. Lauderdale, FL
800-683-DUPE

Majestic Video
Burbank, CA
(818) 843-1806, Cliff Sawyer

Master Images Video Duplication, Inc. Northbrook, IL
(708) 564-0470

Media Concepts St. Petersburg, FL
(813) 321-2122, 800-330-3873

Multi-Magnetics Denver, CO
(303) 825-7768

Network Video Services
Alexandria, VA
800-289-DUBS (3827)

Park Avenue Productions
Richmond, VA
(804) 346-3232

Preston Trucking Preston, MD
(410) 673-2930

Pro Line Video Austin, TX
(512) 837-2000 x30

Quinn Productions
Winston-Salem, NC
(919) 768-2746

Sign Media, Inc.
Burtonsville, MD 20866
(301) 421-0268

Shooby-Dooby Duping
Orange, CA
(714) 744-4041, Terrence West

Televent Video Services
Oak Park, IL
(708) 383-5588

Vaughn Communications:
Minneapolis, MN 800-323-0281
Creve Coeur, MO (314) 576-6804
Phoenix, AZ 800-228-7609
Milwaukee, WI (414) 276-6511
Tampa, FL 800-252-7564
New York, NY (212) 447-1038
Portland, OR 800-772-2251
Atlanta, GA 800-966-0859
Irvine, CA 800-228-7609

Video Duplication Atlanta, GA
800-235-9732

Video Duplication Services
Columbus, OH 800-289-4301
Dayton, OH (513) 294-5883
Cleveland, OH (216) 741-3827
Youngstown, OH (216) 792-3827

Video Management Systems
Indianapolis, IN
(317) 639-6163

Video on Location
Rockville, MD
(301) 984-5823

Videoland Lacey, WA
(206) 491-1332

Video Now 610 S. Central Ave.
Kent, WA
(206) 852-1186

VideoPlay Industries Rockville, CT
(203) 875-5211

Video Proofs Rohnert Park, CA
(707) 586-0383

Video Replay Chicago, IL
(312) 467-0425

Video Transfer Rockville, MD
(301) 881-0270

Vidicomp Distributors
Houston, TX
(713) 694-6400

VIP Duplication 2908 Cameron St.,
Suite-B, Monroe, LA 71201
(318) 322-8222, Phillip Nelson

Wilderness Productions
S. Lake Tahoe, CA
800-874-7488, in CA (916) 577-3008

WGVU/WGVK-TV
Grand Rapids, MI
(616) 771-6666, TDD 800-748-0488

WPSD-TV Paducah, KY
(502) 442-8214, Bob Fesmire

Canadian Duplicators:

Agincourt Productions
Richmond Hill, Ontario
(416) 886-8273

Marine Video 1955 Wylie St.
Vancouver, B.C. V5Y 3N7

*If your company isn't listed here,
please call 1-800-966-1030. □*

MII Rental Facilities

The association has been compiling a list of MII equipment rental facilities. If your company does not appear on this list, please contact the association.

AudioVisual Headquarters
Rancho Dominguez, CA
(310) 885-4200

Rent out 3-AU-65's, they have shipping cases.

Avon Productions S. Plainfield, NJ
(908) 756-0643
Studio & Field MII, Cameras, etc.

Avonix Brookfield, WI
800-222-6050
Full line of MII available

Broadcast Video Products
480 Main St Armonk, NY
(914) 273-6649, Jack Miller

Communications Televideo Ltd.
(CTL) Silver Spring, MD
(301) 585-6311
AU-65, D-3 AJD350 Editor, D-3
AJD310 Camcorder

Cinequipt St Paul, MN
(612) 646-1780
Full line of MII available

Davis Audio Visual Inc Denver, CO
(303) 455-1122

ECI Video Dallas, TX
800-880-9400
AU-63H, AU-65H, WV F700 cam
/AU-410 dockable

Metrovics, Inc. Los Alamitos, CA
(310) 430-3509
Full line of MII available

Professional Desktop Video Systems
Glendale, CA
800-862-7820
Camcorder WV-F700/AU 410

Pro Line Video Austin, TX
(512) 837-2000 x30
Full line of MII available

Video Management Systems
Indianapolis, IN
(317) 639-6163
Sony M7 Cam., AU 500 Portable MII
Deck

Vidicomp Distributors
Houston, TX
(713) 694-6400

WGVU/WGVK-TV
Grand Rapids, MI
(616) 771-6666, TDD 800-748-0488
AU-650, AU-500, AU-400

Canadian Rentals:

VidCom Vancouver, B.C.
(604) 732-9711
WV-F250/AU400 Camcorder, AU-63, AU-65, AU-550□

MII Job Shop

Experienced On-line MII Editor, preferably PALTEX and IMPACT DVE expertise, must be willing to relocate to the Washington, DC area, salary commensurate with experience. Ref. #9202A

Experienced Amiga Graphic Artist, 2-D and 3-D capability, familiarity with MII desired, must be willing to relocate to the Washington, DC area, salary commensurate with experience. Ref. #9202B

Send resumes and sample tapes to the Association. Please state which position you are interested in.

All responses will be kept in strictest confidence. □

Turn Betacam production clients into MII Users!

Betacam/MII or MII/Betacam Transfer!

Now available to the Users Association -- Members at reduced rates!
48 hour turnaround for quantities of up to four tapes (via Federal Express)
for both "S" and "L" size Betacam cassettes.

Services supplied by GMG International at the following rates
(which include the cost of tape):

up to 20 minutes	\$37.00/dub
up to 30 minutes	\$55.00/dub
up to 60 minutes	\$105.00/dub
up to 90 minutes	\$155.00/dub

(Shipping not included.)

Call 1-800-966-6689 or (703) 620-6000 and ask for Tom Howley.

Transfers delivered C.O.D. or VISA/Mastercard accepted.

MII Trading Post

Please contact us when the equipment is sold!!!

Equipment Wanted

Wanted: USED ONE INCH MACHINE, Prefer Ampex VPR-2 or Hitachi HR200E or HR200B. Please contact the MII Users Association, 800-966-1030, fax (703) 620-0451 (Reston, VA) if you have one to sell.

Wanted: Panasonic AU-TB50 or AU-TB50B Time Base Corrector in good condition. Please contact John Cahill (908) 269-0100 (NJ).

Wanted: Fujl 12 x 9 Berm with x2 extenders. Call Michael Miller at (517) 758-2087. (Saginaw, MI).

Wanted: Used WV-F300 video camera MII adaptor (WV-VT10). Contact Jordan (212) 966-5660 (New York, NY).

Equipment for Sale

Panasonic CLE 200/ AU 400, new heads, excellent condition, \$7,500. W/ case & quick draw case. Call Tom Whaley at (419) 621-0602 (Sandusky, OH).

GVG 1600 Series Production Switchers, 1L and 1X (10 Inputs) \$6,000.00, 3K (16 Inputs) \$10,000.00. 7K and 7H (20 Inputs) \$12,000.00. All options are available. Contact Post Plus 40 East Main St., Port Jervis, NY 12771.

Panasonic AU-520, Portable MII Recorder, Demo unit, \$8,995.00. **Panasonic AK-400/AU-400 Camera/Dockable MII,** \$11,000.00. Also available: **JVC KY35ENG/KAB35 Camera,** includes 15:1 lens; **Betacam adaptor,** \$13,000.00; **Crosspoint-Latch 6112 2M/E switcher w/chroma key** \$2,250.00; **Crosspoint-Latch 8200 switcher/DVE w/dual channel TBC** \$1,925.00; **ECHOLAB, DV7 SEG/switcher w/GPI** \$2,995.00. Please contact Ken Muehlbauer, 800-222-6050.

Panasonic AU-65, MII Studio Recorder/Editor, good condition, \$8,500.00. **Panasonic WV-F700/AU-410 Camera/Dockable MII,** Demo unit with one year parts & labor warranty. **Camera/MII package** has ENG/EFP kit w/15x lens, battery charger, and all other accessories, \$17,000.00. **Panasonic AG-7750 S-VHS Recorder/Editor,** good condition, \$4,400.00. For further information, please contact Terry Nixon, (512) 837-2000 extension 22. TX.

Panasonic AU-63, MII Studio Player w/AT, New in Box, \$11,600.00. Contact Darrell Johnson 800-264-0590 (TN).

Panasonic AU-63H AT, MII Studio Player w/AT, new, \$11,640.00. Also, **AU-65H Studio Recorder/Editor,** new, \$12,028.00. Full Warranty. Contact Bill Frazier (412) 243-1300 (PA) Quail Video.

JVC KRM 800U Recorder/Editor, excellent condition with new heads...asking \$6,750.00. Contact Harry Breitmeyer, 1365 McMullen Booth Rd, Clearwater, FL 34619 (813) 726-02024.

Panasonic AU-63, MII Studio Player w/AT, demo with time code, \$8,000.00. **200CLE 3-Chip Camera** \$3,700.00. The following have

worked well together in a A/B roll MII suite: **Jazz "Ensemble" DVE,** with all extra cards and upgrades—paid \$18,000.00 sell for \$7,000.00. **Panasonic AGA800 Edit Controller,** with 3 9-pin cards \$2,900.00. **AGSW 800 AV Switcher,** \$2,500.00 **TBC 200** \$1,500.00. Contact Jack Miller at (914) 592-4151 (NY).

JVC KMD 600 U S-VHS Dual TBC, with downstream keyer, accepts RGB from computer, works with AMIGA toaster or as a stand alone unit, excellent condition, \$3,800. Contact Bill Dunbar, Dunbar Video Productions, Holly, MI. (313) 634-8686.

Panasonic AG 7750 w/TC \$4500., Panasonic AG 750 editcontroller, \$1000. **LAIRD legend Character generator w/Encoder** \$3000. **JVC 8 Input Switcher, w/Chroma Key, Tally, Intercom & GPI Trigger,** \$2500. **Panasonic AVES Switcher** \$900. All in great shape, w/rackears, slides & manuals. Call Tim Dench (502) 239-0229.

AU-520 Portable MII Recorder, only 120 hours with portable case, AC supply, and BP-90 Batteries, \$6950. **AGA800 Edit Controller** with 3 serial and 2 parallel interfaces and RS-232 data cable, \$3,200. **O'Conner 50 Fluid head** on wooded legs with spreaders. Good condition, \$1,475. All carry a 30 day warranty. **Ampex ADO-100 DVE, 3D Option & Upgraded software,** \$16000. Much more, owner retiring. Call for full list. Contact Bob Pooler at (508) 263-7727 (Boxborough, MA).

JVC CR-4700 3/4" portable recorder with time code, batteries, and portabrace. Just rebuilt. Contact Jordan Gershon, Majec Productions, (913) 894-1188 (KS).

Panasonic AG 7500A SVHS Editing Decks, Special Demo Units, in box, FULL Warranty. \$3,500.00 each, or both for \$6,800.00. New edit controller, also available \$1,400.00. **MX10 Digital Special Effects Generator w/Tidler,** \$900.00. Please contact Tim Dench, (502) 239-0229 (KY).

Telnet TM 8615, docking adapter AU400/410 to BVP7, asking \$999.00. **CrossPoint-Latch 6112 (used), 2M/E Switcher, w/chroma key** asking \$2250.00

Echolab, DV7 (used), BO SEG/Switcher w/GPI, asking \$2995.00. **Tektronix 244505 (used), Combo waveform/vectorscope,** asking \$2650.00. **Anton Bauer MP4/probe (demo), battery charger; 4bay w/probe,** asking \$2195.00. We also have many accessories. Please contact Avonix at (414) 783-6050.

Panasonic AGB745 (new), Battery Charger, asking \$399. **TELMET TM8615, Docking Adapter AU400/410 to BVP7,** asking \$999. **K&H CAU500 (Demo), Carry Case for PAN AU500/AU520,** asking \$149. **K&H CAU500 (Demo) case for AU500,** asking \$149. **CROSSPOINT-LATCH 6112 (Used), 2M/E Switcher with Chroma Key,** asking \$2250. **TEKTRONIX 244505 (Used), Combo Waveform/Vectorscope,** asking \$2650.

VIKING AU500CASE (Rental), R776 ATA Shipping Case, asking \$250. Please Contact Scott Schuelke at AVONIX, PO Box 505, N. 124th Street, Brookfield, Wisconsin 53005.

Panasonic AU-300 Video Recorder/Reproducer w/A-30 Editor, Good Condition, \$4,900.00. **Nagra IV-SJ Recorder/Reproducer,** Like New, \$2,500. **Sony VO-5800H High Resolution 3/4" UMatte Recorder/Reproducer,** Excellent Condition, \$1,500. Contact John Urciolo, Rand Systems Engineering Inc., (301) 983-1998.

Panasonic WV-S700 w/AU 410, 15x1 Lens, Battery & Charger, \$11,000. Contact Alan Nguyen, (714) 531-8896.

JVC-F911U Interface Unit \$500. JVC-SAT411U Time Base Corrector, with Noise Reduction (RGB YC Composite), \$2,800. **Sony V09800 SP 3/4" Recorder/Player \$3,000. 2 Panasonic WJ300B Rack Mount Video Distributer Amplifier** \$1,500 each. **WJA01 Rack Mount for Video DA \$65. Panasonic WJ2254 Rack Mount Switcher \$200. Panasonic WJ-200RB Rack Mount Switcher \$200. JVC BR-S411U SVHS Docking VCR** with JVC SA-R100U VITC Time Code Generator, \$2,500. All equipment like new and taken excellent care of. Contact Clark's Video Productions, (501) 636-8599.

Convergence 195 Controller, lightly used. Excellent condition. Just reconditioned by factory service rep. With serial and aprallel cards, \$1,850. Larry Cohen Productions, Watchung, N.J. (908) 561-8742.

For Sale: (1) Panasonic AU 400, less than 100 hours, very clean, \$3250. Call Bob (305) 565-1762.

Panasonic DM 7010 MII Camera/VCR Dockable System. Three 2/3" CCD's, 750 lines, 62db S/N, Digital Processing. New/Full Warranty, \$12,000 (\$24,000 retail). Call Ralph Olson at (607) 687-0545 (Owego, NY).

Complete Animation/Graphics System. 486 computer with 600 Meg. hard drive, diaquest controller and targa 64+ board. Software includes Topas 4.0, Tips, Rio, QFX, Logo Editor, Panorama, and Lumena. Originally purchased for \$28,000, asking \$17,000. Contact Jordan Gershon, Majec Video Productions, (913) 894-1188 (Overland Park, KS).

JVC CR 850 U 3/4 inch editing VCR, \$3,800. **Alta Centaurus Stillstore/ switcher** with hard drive, \$8,500. Call Bob Richardson, Jr. at Riverside Productions, 800-848-9752.

JVC KRM-800 MII editor/recorder, \$4,000. **Alta Centaurus Dual Channel TBC Digital Effects/Stillstore System,** \$7,500. **DUBNER 5K Character Generator,** \$3,500. **Paltex Abner A/B Edit Controller,** \$2,500. **JVC F911 Interface,** \$500. Contact Mark Johnson at Reel Video Productions, (814) 695-8054 (Hollidaysburg, PA).

Hotronic AH91 Dual TBC S-VHS/Composite with sync Generator/Switcher. Wipes, push/pull,

freeze frame, freeze field, paint, mosaic, DOC, full band width, infinite window. Excellent condition. Asking \$3,500. Call (407) 777-3936 (Satellite Beach, FL).

Panasonic AU-410 Dockable VCR, new \$7,500. Panasonic WV VT 15 MII Docking Adapter for Panasonic WV F2 50, new, \$950. Contact Tom Taugtes with Audio Visual, 1-800-862-2339 (Plymouth, MN)

D-3 VTR Panasonic AJ-D350 like new condition, under 300 hours, \$30,000. Call Walter Druker, BCS-NY (212) 268-8800 (New York, NY).

JVC KY20/BRS4111 3-CCD S-VHS Camcorder, Fujinon 16x1, MK50 Shotgun, Portabrace case, battery holder, XLR in excellent cond., \$4,895. KY20, lens, adapter, tripod plate, only \$2,895. JVC KY210B 3 Tube with Fujinon 16x1. Hard case, tripod plate in excellent cond. Was used as back-up Cam only. Rated over 700 lines, \$2,495. JVC CR4900U 3/4" Portable with portable case. Exc. cond., \$1,000 firm. Contact George at Video Proofs, (707) 586-0383 (Rohnert Park, CA)

Two A12x9-Berm. @ \$1,250.00 each. AG-A800, \$1,575.00. Two AK-400, @ \$8,000.00 each. AU-410, \$3,940.00. AK-AD430, \$70.00. AKR1055, \$207.00. AD-AD410, \$1,136.00. AU-520, \$4,600.00. AU-B110, \$330.00. AUB420, \$340.00. Four AUB220, @ \$56.00 each. Contact Jennifer or Dave at the MII Users Association at 1-800-966-1030.

AU-410 in mint condition (75 hours) with VT-15 adapter plate, AUS-400 stand alone unit, and AUB-420 4 position charger with brand new carry case, all for \$6000.00. (916) 577-3008, VISA/MC/AMX, K-MTN TV-8 (Lake Tahoe, CA).

Amiga 2500 with Video Toaster version 3.0, Operation System 2.0, 1084S color monitor, 030 accelerator card - 25 Mhz, 50 meg hard drive, 120 meg hard drive, SyQuest 88 meg removable hard drive, 9 megs RAM, and 2 meg Agnus chip. Original Cost with upgrades \$7,910.00, asking \$3,950. Contact John Clower at (404) 691-2538 x 445 (Atlanta, GA).

Panasonic S-VHS Professional Edit Package. AG7750 Edit Recorder with time code, AG7650 Source Player with time code, AGA770 128 Event edit controller, all interface cables. Demos with one year warranty! Only \$9750 (\$18,410 list). Call (607) 687-0545, 9am-6pm, E.S.T. (Owego, NY).

Panasonic AU-63H, MII studio player with AT, sealed new in box \$11,000.00. AU-65H recorder/editor sealed new in box \$11,340.00. PTB1010UF 120" video projector sealed new in box \$5,783.00. All with full warranty. Call Greg LaDue at (607) 687-0545, 9am-6pm, E.S.T. (Owego, NY).

Several Panasonic AU-B420 battery chargers, AU-BP220 "brick" battery packs, AU-M400 battery holders. Call Michael Miller for pricing at (517) 758-2087 (Saginaw, MI).

MIU AU-500 portable deck. Low hours. Make offer. Contact Bill Doran at (201) 866-4568.

JVC 611, \$1999. JVC 611, \$2299. JVC 811, \$2999. JVC RMG 810 edit controller, \$799. JVC KY-20U 3 2/3" chip camera/FUJI

13x/JVC410, case, AC/4 battery, zoom/focus controls, 5 JVC NB-G1U, \$3999. JVC TM1400SU 14" monitor, \$399. Bogen 3046/3056/3066 Tr/Dly/Hd \$399. Panasonic WV250B FUJI 12x/AG-7450A EFP \$5199. Panasonic AGF745 TC Rdr/Gmrtr, \$499. Leader 1420 Vectorscope \$699. Shure M267 4 channel mixer, \$299. Peter Lisand shoulder brace, \$99. Vinten tripod VIN-5A/Vision 5 HD \$1199. SONY multi dsc lsrsvn \$249. Call Bill Tucker at (518) 356-0334 (Schenectady, NY).

JVC KR-M820U MII editing VCRs with T.C. board option, \$5,995.00 each. Panasonic Broadcast AU-500 MII portable edit source VCR, 100 hrs., \$3,695.00. AU-45H \$ AU-410 MII dockable near 0 hrs., \$5,995.00 each. Panasonic F250B & F700 factory demo camera packages, call for \$. Ikegami HL-95D plumbacon like new dockable camera with Fuji Pegasus II Broadcast 2X 14:1 lens and Panasonic AU-400 MII dockable VCR, \$5,995.00 with options. FAST Video Machine systems, call for \$. Call Charles Wiegand at (614) 967-0059 (Newark, OH).

JVC MII KRM 800U 500 hours, good condition, recording and editing VTR. Asking \$4,100. Call Dave Andrews with Video Reflections at (801) 272-3031.

Optics and Images has gone out of business. Must sell: Panasonic AU-60 MII studio recorder ... Panasonic AU-500 MII field recorder with AC/charger unit, batteries, and Portabrace case. . Also JVC 210B camera with AC/charger, batteries, component adapter ... And JVC U-matic field recorder with AC/charger, batteries, and case. All equipment in excellent condition. Contact David Anderson at HVS Productions (414) 468-3333 days or (414) 863-6923 nights.

Laird 1500 character generator with 1032 encoder and 70 fonts, \$3,500. Contact Jordan Gershon, MAJEC Video Productions (913) 894-1188.

FORA Y688 TBC with Faroudja processing. Asking \$1,500. David Andrews, (801) 272-3031 (Salt Lake City, UT).

Panasonic CT-1030M 10" color monitor with rack mount kit, never used, \$300. CCI Model 800 Y/C delay distribution amplifier, 1 input, 3 output, front panel luminance, chroma and Y/C delay controls. New, in box, \$450. Call Ron at (516) 285-7146 (Long Island, NY) 9-5 est.

Panasonic AU-500 MII broadcast portable with portabrace case and new tapes, low hours. Best offer. Call Bill Cohen (516) 467-7551 (Ronkonkoma, NY).

Panasonic AU-410 dockable VCR. New but opened box, \$6,000. Panasonic WV-VT15A MII docking adapter WV-F250 camera. Demo unit, \$800. Contact Earl Neville at (414) 435-5353 (Green Bay, WI).

AU-400 Camcorders, \$1,000. Telemetric TM 8615 docking adapters with Anton-Bauer brick connector, \$600. Contact Chuck Deen (602) 257-6540 (Phoenix, AZ).

JVC KY310 Camera with control unit, speed plate, and 70' cable. Asking \$850. Call David Andrews at (801) 272-3031.

2-JVC, BR-S611U S-VHS recorders with SA-

F911U serial interface units and rack mount hardware. 500 hours. \$2850 each. 1-JVC, BR-S811U S-VHS editing recorder with SA-F911U serial interface units and rack mount hardware. 700 hours. \$3850. \$8995 takes all. Contact Ron at (516) 285-7146 (Long Island, NY).

Panasonic AU-410S, AU-63, AU-65, all approx. 2000 hours, package deal, \$15,000. Call Don Atchison at (613) 821-7783 (Ottawa)

Panasonic AU-65H Studio Recorder/Editor sealed new in box, \$11,000. Panasonic PTB1010UF 120" video projector, sealed new in box, \$4,700. Panasonic DM7010 dockable WV-F700 and AU-410, only 10 hours, demo, \$11,000. Panasonic BTM1310Y monitor A/B split screen, RGB, pulse cross, \$1,000. All include full new warranty and shipping! Call Greg LaDue (607) 687-0545, 9am-6pm EST.

Facilities/Suites

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A/B ROLL EDIT SUITE, includes Panasonic AU-60 Studio Recorder, (2) Panasonic AU-650 Studio Edit Recorder with Auto Tracking, Videotek Prodigy Composite Special Effects Generator, Paltek Elite Edit Controller with Serial Interfaces for Prodigy Switcher & (3) MII Recorders, \$40,000.00. System is in full working order, all three decks have approx 1000 hrs on head. Call Scott Kase at (703) 620-0451.

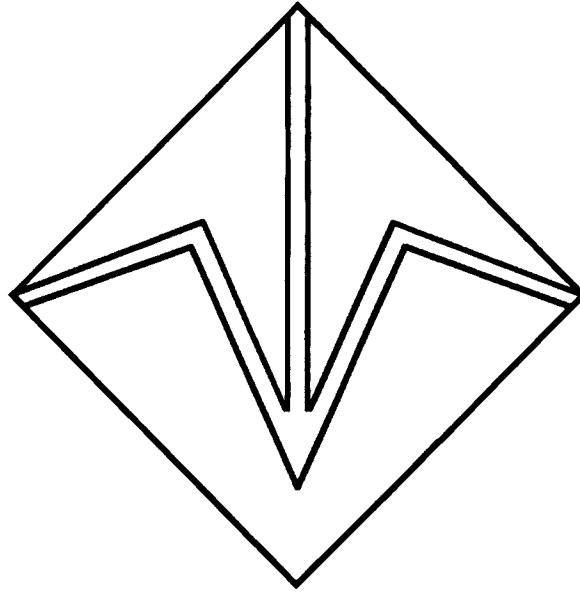
Tapes

Used MII Tape, limited number of MII tapes, Large cassettes, 30's, 60's 90's and small 20's, Most with low passes, most with factory cases. Good for many purposes. Buyer pays the shipping charges. Contact Ed McKay or John Bishop at (704) 398-0046, or fax (704) 393-8407 (NC).

New MII Cleaning Tapes. 3 M20S, 3 M30L, MPL 90. Miscellaneous Used MII stock. Contact Melanie West-Pond, (404) 355-3398.

If you have equipment you would like included in the next Trading Post, please contact us in writing, either by fax or mail at MII Users Association of America, c/o GMG International Inc., 1950 Roland Clarke Place, Suite 100, Reston, VA 22091, fax (703) 620-0451, toll free 800-966-1030. Please contact us when the equipment is sold. □

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- (+ Conclusion)

(III.) LESSON 3 APPLICATIONS AND OVERVIEW (Including basic troubleshooting)

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- 2.0 - Stand Alone Single Machine Configuration
- 3.0 - Machine to Machine (cuts only applications)
- 4.0 - A/B Roll Editing Systems
- 5.0 - MII Menu and Setting Instruction

(II.) LESSON 2 UPPER DRUM REPLACEMENT AND ELECTRICAL ALIGNMENT

Sections-

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- 2.0 - Mounting of Fixing Plate for Tip Protrusion Gauge
- 3.0 - Video Head Tip Protrusion for Measurement
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Monthly Survey Questions

Please Respond! Thank you to those who responded to last months survey.

Each month, the Users Association polls users on specific MII issues and publishes the results in the next newsletter. Please read the Panasonic battery article in this newsletter and take a few minutes to fill out this survey. This month, we are interested your opinion about and experience with batteries, specifically AU-BP220s and the AU-B420 charger.

(1) Do you own an AU-B420 battery charger and AU-BP220 batteries? ☐ yes ☐ no

If not, what charger/batteries do you own? _____

(2) How long have you had them? _____

(3) How long did they last before their performance began to decline? _____

(4) With what did you replace them once they no longer worked? _____

(5) Did you follow the charging instructions in the manual? ☐ yes ☐ no

(6) Have your batteries ever developed a memory problem? If so, were you able to recondition them? _____

(7) Are you happy with the performance of your batteries and charger? ☐ yes ☐ no

(8) Would you buy the same batteries and charger again? ☐ yes ☐ no

(9) Comments regarding this survey or the Panasonic battery article _____

It is important for the membership that you respond to these questions, either by mail, phone or fax as soon as possible. Thank you for your input. 24-hour fax line (703) 620-0451 Phone (800) 966-1030 or (703) 620-6000.

MII Users Association of America
c/o GMG (International), Inc.
1950 Roland Clarke Place, Suite 100
Reston, VA 22091

Optional

Name _____

Company _____

Phone _____

December Survey Responses

Each month the Users Association will poll users on specific MII issues and publish the results in the next newsletter. In this issue we are sharing the results of our questions from the December issue regarding Panasonic service and literature.

(1) Based on your past experience, how would you grade the service and support available for your MII Equipment?

Excellent 50% Good 25% Fair 25% Poor 0%

- ♦ Support (Parts) Excellent
- ♦ Initially when we had a problem (big!) with the AU-56H's, we were ignored until other station facilities had started experiencing the same problem.
- ♦ Specialized Communications has consistently done an excellent job for me.
- ♦ I have only had one or two problems, and they were quickly cared for by Panasonic

(2) Have you found the Project 2000 Enhanced Technical Support Program to be helpful?

Yes 37.5% No 25% No use for program 12.5 % Unfamiliar with program 25%

- ♦ Response has been great. Two engineers received very good training with Panasonic, and Yvonne and Co-worker are Panasonic Parts to us!

(3) How would you rate Panasonic Service Literature overall?

Excellent 25% Good 25% Fair 0% Poor 12.5% Didn't know they had literature 37.5%

- ♦ Very good improvement since early manuals, ie. AU-650, 500, 400.
- ♦ Can't know -- several things I have found in the book don't agree with PC boards
- ♦ Sporadic, if at all! What literature? They have literature?
- ♦ I have found the materials to be very helpful

(4) Have you been able to obtain from Panasonic whatever literature you need in a reasonable period of time?

Yes 50% No 12.5% Have never requested literature 37.5%

- ♦ Have no idea who to deal with anymore - paid for it back in September, have yet to receive anything

(5) How would you rate your local dealer in the area of customer service?

Excellent 25% Good 25% Fair 12.5% Poor 0% Don't have local dealer 37.5%

- ♦ We bought the equipment from "Videomedia," but they don't handle it anymore -- don't know of a local dealer
- ♦ Dealer - Direct Broadcast TV Systems (good)
- ♦ Washington Professional Systems have been cooperative, and their service is good

MII Users Association of American Membership Listing

Alabama

Alabama Power Co.
Randy Cook
600 North 18th St.
Birmingham, AL 35291

Alabama Power Co.
Len Holland
600 North 18th St.
Birmingham, AL 35291

Alabama Power Co.
Bob Howard
600 North 18th St.
Birmingham, AL 35291

AUVID Productions Int'l Inc.
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Huntsville, AL 35807
(205) 534-4666
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AUVID Productions Int'l Inc.
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Huntsville, AL 35807
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Juneau, AK 99801
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Pouch 468
Bethel, AK 99559
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Phoenix, AZ 85029

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Tucson, AZ
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(800) 228-7609
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800-624-1903
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San Diego, CA 92111

Audio Video Supply
Patrick Birch
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San Diego, CA 92111

Audio Video Supply
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Audio Video Supply
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PO Box 1916

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DNF Industries
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Brea, CA 92621
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11992 Challenger Court
Moorepark, CA 93021
(805) 529 7074
Manufacturer: Edit Systems

EIG Video
Bud Turner
PO Box 960
Lucerne Valley, CA 92356
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Electronic Design & Service
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6922
San Fernando Rd.
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Don Davis
P.O. Box 1114
Mail Stop N3-2H
Grass Valley, CA 95945
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Manuf.

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1181 Pioneer Way
El Cajon, CA 92020
(619) 464-6446
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GRC Electronics
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1 Palmer Building
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San Diego, CA 92117
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(909) 845-9748
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(707)938-2532
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Oakland, CA 94610
(510)893-0555
MII Owner

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El Dorado Hills, CA 95630
(800) 538-6894
Manuf.

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Tarzana, CA 91356
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MII Owner

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N Hollywood, CA 91605-6309

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Concord, CA 94520
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Tri-Valley Community TV
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4663-B Bernal Ave.
Pleasanton, CA 94566
(510) 462-3030
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Verdugo City, CA 91046
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Studio D
Rohnert Park, CA 94928
(707)586-0383
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Irvine CA 92715
(714) 852-9927
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CA 90038 (213)461-0700
Dealer

Walt Davis Enterprises
Geof Barron
931 N Cole Ave.
Hollywood CA 90038
(213) 461-0700
Dealer

WHTV-TV Venture Technologies
Donald Wilson
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Calabasas, CA 91302

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PO Box 10260
S. Lake Tahoe, CA 96158
(916)577-3008
MII Owner

Wilderness Video
Robert Glusac
24200 Aliene Ave.
Lomita, CA 90717
(310) 539-8573
MII Owner

World Image Inc
Shariar Yadehari
9186 W Pico Blvd
Los Angeles CA 90035
(310)859-2742
MII User

Your Video Productions
Jeri Ann Severson
2183 Fairview Rd, Ste. 104
Costa Mesa, CA 92627
(714)645-9687
MII Owner

Colorado

Advanced Audio Video
Philip Yun
7700 E. Iliff,
Suite H
Denver, CO 80231
(800) 368-0406
MII Owner

Advanced Audio Video
Jeffrey Conaggio
7700 E. Iliff, Suite H
Denver, CO 80231
(800) 368-0406
MII Owner

American Magnetic Media
Steve Helmick
5580 Havana Unit 6A
Denver, CO 80239
(800) USA-TAPE
MII Owner

American TV & Communications
David Franklin
160 Inverness Dr. W.
Englewood, CO 80112
(303) 799-1200
MII Owner

Business Planning Svcs
John Giarratano
1037 Elm St.
Pueblo, CO 81004

Davis Audio-Visual, Inc.
Richard Davis
1801 Federal Blvd
Denver, CO 80204
(303) 455-1122
Dealer

Davis Audio-Visual, Inc.
Howard Goldbaum
2100 Clay St.
Denver, CO 80211
Dealer

Davis Audio-Visual, Inc.
Peter Blaney
19 West La Vages
Colorado Springs, CO 80903
Dealer

Freelance Videography
Curt Rousseau
520 South Third
Montrose CO 81401-2755
(303)249-2755
MII User

FRCC Media Center
David Alan Sacher
3645 W 112th Ave
Westminster, CO 80030-2199
303-466-8811 x494
MII User

Group Publishing
David Priest
PO Box 481
Loveland, CO 80539
(303)669-3836x267

Tom Houston
3321 Apple Ave
Loveland, CO 80538
(303)667-2001
MII Owner

KCD
Ted Chavez
9952 Eastman Park Dr.
Windsor, CO 80551
(303) 686-4640
MII Owner

KCNC-TV
David Layne
1044 Lincoln St
Denver, CO 80203
(303) 830-6426
MII Owner

KCNC-TV
Larry Ries
1044 Lincoln St
Denver, CO 80203
(303) 830-6341
MII Owner

KCNC-TV
Don Stungleski
1044 Lincoln St
Denver, CO 80203
(303) 830-6313
MII Owner

KOAA-TV
Ken Renfrow
PO Box 195
Pueblo, CO 81002
(719)544-5781
MII Owner

KOAA-TV
Ed Ehliis
2200 7th Ave
Box 195
Pueblo CO 81003
(719) 544-5781
MII User

Martin Marrietta
Jim Pirtle
Falcon AFB
Colorado Springs, CO 80912
(719) 380-2552
MII Owner

Mesa Media
Jeff Bahoe
6939 W 25 Pl
Lakewood, CO 80215
(303)237-9409
MII User

Mesa Media
Grant Richards
6939 W 25 Pl
Lakewood CO 80215
(303) 237-9409
MII User

Multi-Magnetics, Inc.
John Simon
10336 S. Dransfeldt Rd.
Unit 6
Parker, CO 80134
(800)732-7768
MII Owner

Optical Audio Productions
Mike Koury
P.O. Box 2243
Fort Collins, CO 80522
(303) 484-5535
MII Owner

Rocky Mtn Audio Video
Terry Talley
4301 S Federal Blvd 101
Englewood CO 80110
(303) 730-1100
MII User

VU Videos
Eric Wheeler
1420 Blake Street
Denver, CO 80202
(800) 637-4336
Supplier

Windstar Studios
Mike Wemple
525 Communications Cir.
Colorado Springs, CO 80905
(719) 635-0422
MII Owner

Connecticut

ANGELSEA Productions
Graig Tomlin
55 Ruess St.
Hartford, CT 06106
(203)241-8111
MII Owner

Anton Bauer
Bruce Malam
1 Controls Dr.
Shelton, CT 06484
(203) 929-1100
Manuf.

Anton Bauer
Michael Malcy
1 Controls Dr.
Shelton, CT 06484
(203) 929-1100
Manuf.

Cinemat
Tim Schult
1277 Main St. N.
Woodbury, CT 06798
(203)263-0006
MII Owner

Conover Production Services
Bob Conover
116 M Research Dr
Milford CT 06460
(203) 877-5427
MII User

Insight
Tom Carroll
288 Willow St
Norwalk, CT 06850
(203) 853-1115
MII Owner

Quinnipiac College
Bruce Carpenter
Mil Carmec Ave
Hamden, CT 06518
MII User

TRV Fastcam Sports TV
Production
Bruce Edwards
PO Box 52
West Mystic, CT 06388
(203) 572-8220
MII Owner

VideoPlay Industries
Rich Gibbs
Route 30
Tolland Industrial Park
PO Box 800
Rockville, CT 06066
(203)875-5211
MII Dealer

WTXX-TV
Charles Allen
414 Meadow St
Waterbury, CT 06702
(203)575-2020
MII Owner

WTXX-TV
George Parson
37 Peach Orchard Rd
Prospect, CT 06712
(203)758-3905
MII Owner

WTXX-TV
Ron Barnes
37 Peach Orchard Rd
Prospect, CT 06712
(203)758-3905
MII Owner

Delaware

Fotovideo Associates, Inc.
Rick Greenberg
Rt 26 PO Box 402
Oceanview, DE 19970
(302)537-1447
MII Owner

Marcom Group, Ltd.
Charlie Weber
4 Denny Rd.
Wilmington, DE 19809
(302) 764-3400
MII Owner

District of Columbia

Anacostia H.S.
Fred Atarod, RM 228
16th & R St., SE
Washington, DC 20020
MII User

C-SPAN
Brian Lockman
444 North Capitol Street
Suite 412
Washington, DC 20001
(202) 737-3220
MII Owner

C-SPAN
Dave Roycraft
400 North Capitol Street
Suite 650
Washington, DC 20001
(202) 626-7991
MII Owner

C-SPAN
Tim Dombro
400 North Capitol Street
Suite 650
Washington, DC 20001
(202) 737-3220
MII Owner

C-SPAN
Bill Conover
400 North Capitol Street
Suite 650
Washington, DC 20001
(202) 737-3220
MII Owner

C-SPAN
Tim Masters
400 North Capitol Street
Suite 650
Washington, DC 20001
(202) 737-3220
MII Owner

C-SPAN
Marianne Woody
400 North Capitol Street
Suite 650
Washington, DC 20001
(202) 626-4604
MII Owner

Department of Veteran Affairs
George Brown
Communications
810 Vermont Ave, NW
Washington, DC 20420
MII User

House Recording Studios
Rick VanWinkle
B310 Rayburn Building
Washington, DC 20515
(202) 225-3941
MII Owner

Mediasource, Inc.
Bill Parks
2121 Wisconsin Ave., N.W.
Suite 64
Washington, DC 20007
(202)298-8100
Supplier

National Credit Union Administration
Bob Parks
1776 G St. N.W.
Washington, DC 20456
MII Owner

Orga. of American States TV Unit
Gabriel Gross
17th & Constitution Avenues
Washington, DC 20006
(202) 458-3985
MII User

The Media Group
Andrea Stelter
1118 22nd St., NW
Washington, DC 20037
(202) 833-4461
MII User

WRC-TV
Harris Sullivan
4001 Nebraska Avenue
Washington, DC 20016
(202) 885-4133
MII Owner

WRC-TV
Ron Thorpe
4001 Nebraska Avenue
Washington, DC 20016
(202) 885-4012
MII Owner

WRC-TV
Mike Benetato
4001 Nebraska Avenue
Washington, DC 20016
(202) 885-4139
MII Owner

Florida

AAACHEN Productions
George Phelps
11261 S.W. 177th St.
Miami, FL 33157
(305) 255-9563
MII Owner

ABCI Productions
Alden Shipley
5401 Collins Ave.
Suite CU12
Miami Beach, FL 33140-2518
(305) 86404800
MII Owner

Airtune Productions
Brooks Reid
6490 SW 113th
Miami, FL 33156
(305) 666-0925
MII Owner

ASCA
Dan Block
2860 Armadillo Tr
Titusville, FL 32780
(407) 269-1303
MII Owner

Audio Visual Innovations
Ron Lyman
6131 Benjamin Rd.
Tampa, FL 33634
Dealer

John Barker
9350 NW 16th St.
Plantation, FL 33322

Bassin Distributing
Jim Dichito
15959 NW 15th Ave
Miami, FL 33169
(800)329-7664
Supplier

Blue Mango Productions
Ed Reinhardt
1513 Wiley St
Hollywood, FL 33020
(305) 921-0079
MII Owner

Broadcast Int'l Group
Ron Simboli
8280 NW 27th St Ste 515
Miami FL 33122
(305) 599-2112
MII User

Broadcast International Group
Gizelia Vargas
8280 NW 27th St Ste 515
Miami FL 33122
(305) 599-2112
MII User

Harry Breitmeyer
1365 McMullen Booth
Clearwater, FL 34619
(813)726-2024
MII Owner

Broward Comm. College
Don Sundout
3501 SW Davie Blvd.
Davie, FL 33314

CBF Media Centre
Bob Bernhardt
3400 Raleigh St
Hollywood, FL 33021
(305) 964-2940
MII Owner

Centercom Inc.
Keith Lamp
4710 Eisenhower Blvd, Ste C4
Tampa, FL 33634
(813)886-8266
MII Owner

Channel 20
Julie Brechbill
215 N. Olive Ave, Suite 100
West Palm Beach, FL 33402
(407) 355-4573
MII Owner

Channel 20
Scott Monaghan
215 N. Olive Ave, Suite 100
West Palm Beach, FL 33402
(407) 355-4239
MII Owner

Composite Video Service
Bill Costello
11100 66th St.N.
Suite 27
Largo, FL 34643
(813) 546-6407
MII Owner

Computer Power, Inc.
Glenn Caton
661 Riverside Ave
Jacksonville, FL 32204
(904)359-5135
MII Owner

Antonio Samelli
Consultores Audiovisuales POBA
Inrl # A553
PO Box 02-5255
Miami FL 33102-15255
582-740642
MII User

Continental Cablevision
Alan Tomasetti
141 N.W. 16th St
Pompano Beach, FL 33060
(305) 946-7011
MII Owner

Crawford Productions
Rusty Crawford
PO Box 1192
New Smyrna Beach, FL 32170-1192
(904) 427-6626
MII Owner

Encore Broadcast Sales
3409 NW 9th Ave ste 1104
Fort Lauderdale FL 33309
(305)565-1762
Used Eqpt Dealer

Encore Broadcast Sales
Jon Faiell
1252 E. Hillsborough Ave
Tampa, FL 33604
(813) 669-8332
Supplier
New/Used Eqpt Dealer

Florida Video Systems
Chuck Bachus
PO Box 130202
Ft Lauderdale, FL 33313
(305)688-6618
Dealer

Fontaine & Epstein Assoc.
Harry Epstein
8321 NW 7th St Apt 115
Miami, FL 33126-3916

Full Sail
Jim Michael
3300 University Blvd
Winter Park, FL 32792
(407) 679-0100
MII Owner

Gendra Broadcasting Corp
Michael Luisi
2800 Biscayne Blvd, STE 700
Miami, FL 33137
MII Owner

Graphics Dept.
Lawrence Kohl
2100 Coral Way
Miami, FL 33145

Industrial Video Technology Inc.
Lisa Heydet
2120 Hollywood Blvd.
Hollywood, FL 33020
(800)362-RENT
New/Used Eqpt Dealer

Key Logo
Steve Gibson
335 Wilson Ave.
Satellite Beach, FL 32937
(407) 777-3936

Lakeland Regional Medical Center
Education Dept.
Ryan Lee
1324 Lakeland Hills Blvd.
Lakeland, FL 33805
(813) 687-1127
MII Owner

Lockheed Space Operations
Miles Place
1748 W Cheryl Dr
Winter Park FL 32792
(407)867-3875
MII User

Lockheed Space Operations
Clyde Smith
LSO 350 TRM 029
Kennedy Space Center, FL
32899
(407) 867-3875
MII User

Lockheed Space Operations
Ed Mikulas
MS LSO 110
Kennedy Space Center, FL
32899
(407)867-2280
MII Owner

Lockheed Space Operations
Robert Simmer
MS LSO 115
Kennedy Space Center, FL
32899
(407) 867-2280
MII Owner

MagneTech
Michael Pardo
3941 SW 47th Ave.
Ft Lauderdale, FL 33314
1-800-683-DUPE
(305) 791-6711
MII Owner

Mayo Clinic
Asa Floyd
4500 San Pablo Rd.
Jacksonville, FL 32224
(904) 223-2672
MII Owner

Mayo Clinic
Bill Wimsatt
4500 San Pablo Rd.
Jacksonville, FL 32224
(904) 223-2008
MII Owner

MedCom Group
Rick Carr
PO Box 7924
St Petersburg, FL 33704
(813)821-1130
Dealer

Medfo, Inc.
John P. Lenhart, MD
6110 9th St. N.
St Petersburg, FL 33703
(813) 521-4130
MII Owner

Medfo, Inc.
Dennis McDougall
6110 9th St. N.
St Petersburg, FL 33703
(813) 521-4130
MII Owner

Media Concepts
Bob Skidmore
559 49th Street South
St. Petersburg, FL 33707
(813) 321-2122
Dealer

Multi Image Group
Jim Ballentine
1080 Holland Drive
Boca Raton, FL 33487
(800) 523-2682
Supplier

National Television Supply
Chuck Bachus
PO Box 130202
Ft Lauderdale 33313
(305) 748-2985
MII User

Pat Appleson Studios, Inc.
Pat Appleson
757 SE 17th St., Suite 358
Fort Lauderdale, FL
33316-2960
(305) 587-7900
MII Owner

Aretta Sevastakis
6786 110 St.
Seminole, FL 34642
MII User

Sifford Video
Lawson Turk
2815 Evans St
Hollywood, FL 33020
(800)727-2679

Solid Waste Authority
Rick Schneider
7501 N Jog Rd.
West Palm Beach, FL 33412
(407) 640-4000
MII Owner

U.S. Air Force Wright
Laboratory WL/MNGI
Don Snyder
Eglin AFB, FL 32542
(904)882-9911
MII User

Valencia College
Keith Foston
Film Technology Program,
Mail Stop 3-2
701 N. Eeonlockhatchee
Trail
Orlando, FL 32825
(407) 299-5000 x2415
MII Owner

Valencia College
Jim Barber
Film Technology Program,
Mail Stop 3-2
701 N. Eeonlockhatchee
Trail
Orlando, FL 32825
(407) 299-5000 x2415
MII Owner

Vaughn Duplication
Services
Ric Everett
5414 Beaumont Center
Dr., Ste 202
Tampa, FL 33634
(813)887-3141
MII Owner

Videocam Export Co.
Juan Carlos Carrillo
7305 NW 36th Street
Miami, FL 33166
(305) 592-2034
Dealer

Videocam Export Co.
Irving Perez
7305 NW 36th Street
Miami, FL 33166
(305) 592-2034
Dealer

Video Factory
Richard Pabis
1126 S. Division Ave
Orlando, FL 32805
(407) 246-6316
MII Owner

Videotaping Services Inc
Dale Sweet
1911 Manor Circle Dr
Winterhaven, FL 33880
(813) 293-5916
MII Owner

Video Techniques, Inc.
Robert Lorentzen
PO Box 9649
Bradenton, FL 34206-9649
(813)746-4949
MII Owner

Vue-Corn Inc.
Marshall Ham
1126 S Division Ave
Orlando, FL 32805
(407)423-7869
Dealer

WDZL
Bob Castillo
2055 Lee St
Hollywood, FL 33020
(305) 925-3939
MII Owner

WFLA
Mike Healy
905 E Jackson St
Tampa, FL 33614
(813) 228-8888
MII Owner

WFTS
Luis Romero
4501 E Columbus Dr
Tampa, FL 33605
(813) 623-2828
MII Owner

WFTS
Jean Varn
4501 E Columbus Dr
Tampa, FL 33605
(813) 623-2828
MII Owner

WPTV
Edward J. Roos
P.O. Box 510
Palm Beach, FL 33480
(407) 655-5455
MII Owner

Georgia

Artistic Video Sells
Douglas Keltz
5975 Boswell Rd. Ste 321
Atlanta, GA 30328

Atlanta Duplication
Dan Nobels
4330 Royal Mustang Way
Lithonia, GA 30058
(404)978-1299

Atlanta Video Production Center
Joseph Gora
1570 Northside Dr. NW 240
Atlanta, GA 30318
(404) 355-3398
MII Owner

IBM
Victoria Pendleton
3100 Windy Hill Rd.
Internal Zip WE1C1
Marietta, GA 30067
(404) 835-3492
MII Owner

IBM
Judy Sapp
3100 Windy Hill Rd.
Internal Zip WE1C1
Marietta, GA 30067
(404) 835-3492
MII Owner

K&M Electronics
2620 Mtn Ind Park Ste F
Tucker, GA 30084
(404) 934-2151
Repair Center

Lewis Broadcasting Co.
Wallace Tidwell
PO Box 61268
Savannah, GA 31420
(912)925-0022
MII User

Lithonia Lighting
Mike Rogers
Video Communications
1400 Lester Rd
Conyers, GA 30207
(404) 922-9000 x2517
MII Owner

Motion Visuals
Pat Cooksey
PO Box 43371
Atlanta, GA 30336
(404)696-2709
MII Owner

National Video Exposure
Clyde Land
5100 Kerry Dr.
Atlanta, GA 30331
(404) 344-1551
MII Owner

Northwest Airlines, Inc.
Bob Sharrett
1000 Inner Loop Road
Atlanta GA 30337-6072
(404)530-6955
MII Owner

Printpack, Inc.
John Clower
4335 Wendell Dr.
Atlanta, GA 30336
(404) 691-2538 x445
MII Owner

Savannah College of Art &
Design
Ralph Gnaun
527 Indian St.
Savannah, GA 31401
(912)238-2407
MII Owner

Savannah College of Art &
Design
Stephen May
527 Indian St.
Savannah, GA 31401
(912)238-2407
MII Owner

Strickland Video & Film Support
John Strickland
2972 Chipmonk Trail
Marietta, GA 30067
(404) 988-0803
MII Owner

TVF Productions
John Salter
1612 N. Oak St.
Valdosta, GA 31602
(912) 244-9597
MII User

Vaughn Duplication Services
Rick Gauthier
2700 NE Expressway
Bldg A, Ste 200
Atlanta, GA 30345
(404)728-9025
MII Owner

Video Copy Services
Rick Stevens
1699 Tullie Circle Ste 117
Atlanta, GA 30329
(800)553-3616
(404)321-6933
MII Owner

Video Duplication
Skip Lewis
3095 Presidential Dr. Ste F
Atlanta, GA 30340
(800) 235-9732
MII Owner

Video Supply Sales Co.
Mark Radford
3440 Oakcliff Rd.
Suite 112
Atlanta, GA 30340
(404) 458-2468
Dealer

Videography Inc
Damon Smith
PO Box 8263
Savannah, GA 31412
MII User

WTVM-TV
Mike Burnett
P.O. Box 1848
Columbus, GA 31902
(706) 324-6471

Zan Productions
Roseann Bush
1189 Beech Valley Rd. NE
Atlanta, GA 30306-3121
(404)872-0719
MII Owner

Hawaii

Hawaian Image Video
Ron Darby
44-401 Kaneohe Bay Drive
Kaneohe, HI 96744
(808) 254-4644
MII Owner

Hot Shot Productions
Jim Abell
PO Box 1297
Kaplan, HI 96746
MII User

Kit Video Productions
Bill George
1095 Kalapaki Street
Honolulu, HI 96825
(808)395-1244
MII Owner

Video Concepts
Bob Ramacher
535 Lipoa Pkwy
Kihei, Maui, HI 96753
(808) 879-1329
MII Owner

Video Concepts
Kevin Harrington
535 Lipoa Pkwy
Kihei, Maui, HI 96753
(808) 879-1329
MII Owner

Video Lab
Norm Nichols
641 Keeaumoku, Ste. 5
Honolulu, HI 96814
(808) 947-5227
MII Owner

Idaho

KJVI-TV
Don Conklin
1866 E Chisolm Dr
Nampa ID 83687
(208)467-3301
MII User

KTRV
Brian Royster
679 6th St
Nampa, ID 83653
(208) 888-1200
MII Owner

Porter Advertising
T Porter
10378 Fairview Ste 201
Boise, ID 83704

TCI Cablevision
Neil Smith
8800 West Park
Boise, ID 83704
(208)375-8888
MII Owner

Illinois

3 A B N
Moses Primo
PO Box 220
W Frankfort, IL 62896
(618) 627-4651
MII User

3M Tape Sales
Dave Rahmlow
908 N. Elm St.
Hinsdale, IL 60521
(800) 942-3961
Manuf.

Bible Students Publications
George Tabac
900 Brentwood
Bensenville, IL 60106
(708) 595-0984
MII Owner

Bloomquist & Associates, Inc.
Dick Bloomquist
828 N. Addison Ave
Elmhurst, IL 60126
(708) 530-4077
MII Owner

Business TV Associates
Mark Hewitson
RR. 1, Box 71
McLean, IL 61754
(309) 874-2908
MII Owner

Centercom Inc.
Vicky Jacobs
7120 Ridgeway
Lincolnwood, IL 60645
(708)675-1411
MII Owner

Center Video
Rex Balz
5615 W. Howard Street
Niles, IL 60648
(800) 621-4354
Supplier

College of Dupage TV
Roger Ewald
22nd Lambert Rd
Glen Ellyn, IL 60137

Copymaster Video
Larry Stengren
711 E. Fairfield Ave.
Villa Park, IL 60181
(708) 279-1276
MII Owner

Matthew Curry
538 S. Pine Ave.
Arlington Heights, IL 60005-
2058

Ed Janik Productions
Ed Janik
RR 2, Box 94C
Pleasant Plains, IL 62677
(217) 626-1976
MII Owner

Illinois Central College
Tom Boyer
1 College Drive
East Peoria, IL 61635
(309) 694-5397
MII Owner

IMAC Int'l Inc.
Jacques Kauffman
1301 Greenwood Ave
Wilmette, IL 60091-1623

JRC Productions
Rob Aiello
528 Northlake St
Aurora, IL 60506
(708) 896-4250
MII Owner

Kemper National Insurance
Bill Demarco
Kemper TV Studios, F-3
Rt. 22 & Kemper Dr.
Long Grove, IL 60049
(708) 540-4449
MII Owner

Little Fort Media
Weldon Johnson
113-115 N Genesee
Waukegan, IL 60085
(708) 244-9666
MII Owner

Master Images Video
Duplications, Inc.
Skip Navar
3176 Mac Arthur Blvd.
Northbrook, IL 60062
(708)564-0470
MII Owner

Millikin University
Ronnie Dean
1184 W. Main
Decatur, IL 62522
(217) 424-6254
MII Owner

Mirage Video Communications
Inc
Richard Sulko
12413 S Harlem Ave.
Palos Heights, IL 60463
(708) 448-0636

NBC
Mr. T. Powen
454 N. Columbus Dr
Chicago, IL 60611
MII Owner

Norwest Communications, Inc.
Mark Karney
123 S. Hough St.
Barrington, IL 60010
(708) 381-3271
MII Owner

Panasonic
Ted Ellsworth
9401 W Grand Ave.
Franklin Park, IL 60131

Provid Supply
Regina Szpak
896 Webster Ln
Desplaines, IL 60016
(708) 299-7832
Supplier

Roscor Corp
Mitch Roston
1061 Feehanville Drive
Mt Prospect IL 60056
(708)299-8080
MII User

Southern Illinois University
John Kautzer
Campus Box 1775
Edwardsville, IL 62026
(618) 692-2230
MII Owner

State Farm Insurance
Gary Chambers
1 State Farm Plaza
Bloomington, IL 61710
(309) 766-6176
MII Owner

State Farm Insurance
Randy Smith
1 State Farm Plaza
Bloomington, IL 61710
(309) 766-6176
MII Owner

State Farm Insurance
Steve Snyder
1 State Farm Plaza
Bloomington, IL 61710
(309) 766-3368
MII Owner

Televest Video Services
Ivan Shannon
6533 West North Ave
Oak Park, IL 60302
(708) 383-5588
MII Owner

TeleVisual Productions
Dave Beatty
1287 Wabash
Springfield, IL 62704
(217)877-4757
MII Dealer/Repair Center

The Orenda Group
Jim Riemersma
9848 South Winchester Ave
Chicago, IL 60643
(312) 238-3578
MII Owner

The Tape Company
Robert Daly
801 Sivert Dr
Wood Dale, IL 60191

Three Angels Broadcasting
Network
Clarence Larson
Rt 3 Box 176
Thompsonville IL 62890
(618)627-4651
MII User

Three Angels Broadcasting
Network
Doug Garica
PO Box 220
West Frankfort, IL 62896
(618)627-4651
MII Owner

Video FX
Stuart Soifer
400 Jefferson Ct
Wheeling, IL 60090
MII User

Video Production Group
Mark Wilder
511 Court St
Pekin, IL 61554
(309)353-6158
MII Owner

Video Replay
Ron Norinsky
118 West Grand Ave.
Chicago, IL 60610
(312)467-0425
MII Owner

Video-Tech Production
Alan Thursby
P.O. Box 2251
1602 Melrose Ct.
Decatur, IL 62526
(217) 877-9422
MII Owner

WGEM
Brady Dreasler
513 Hampshire
Quincy, IL 62301
(217) 228-6618
MII Owner

WICD-TV
David Boyer
250 Country Fair Dr.
Champaign, IL 61821
(217) 351-8500
MII Owner

WIFR-TV
Willard Shears
PO Box 122
Rockford, IL 61105
(815)987-5300
MII Owner

WSBT AM-TV/WNSN FM
Chris Thornton
300 W Jefferson Blvd
South Bend IN 46601
(219)233-3141
MII User

WTVO
Al Petzke
1917 N Meridian Rd
Rockford, IL 61105
(815) 963-5413
MII Owner

WYCC-TV
Donald Rhodes
7500 S. Pulaski Rd.
Chicago, IL 60652
(312)638-4853
MII Owner

Indiana

Ball State University
Bill Cahoe
University Media Services
Muncie, IN 47306
(317) 285-1486
MII Owner

Ball State University
Jim Scott
University Media Services
Muncie, IN 47306
(317) 285-1487
MII Owner

Ball State University
Chris Weyers
BC#179
Muncie, IN 47304
(317) 285-8185
MII Owner

B&J Photo Inc
Ed Govin
5429 Keystone Dr
Ft Wayne, IN 46825

Magnity Video Productions
Harry Magnity
PO Box 15
Green Castle, IN 46135
(317)653-5736
MII Owner

Production Services
Walter Rasel
4930 Illinois Rd Ste 1F
Ft Wayne, IN 46804

Reed Productions
Kevin Bassett
PO Box 977
Wassaw, IN 46580
(219) 267-4199
MII Owner

Sho-n-Tell
Rollie Bunce
8241 Milhouse Rd
Indianapolis, IN 46241
(317)856-5418
MII Owner

Versatile Video Services,
Inc.
Terry Burke
P.O. Box 333
Yorktown, IN 47396
(317) 759-4747
MII User

Video Management
Systems
Dan Hall
1004 E. Washington Street
Indianapolis, IN 46202
(317) 639-6163
MII Owner

Video Management
Systems
Jeff McFall
1004 E. Washington Street
Indianapolis, IN 46202
(317) 639-6163
MII Owner

WFFT-TV
Mac McShane
3707 Hillegas Rd
Ft. Wayne, IN 46808
(219) 471-5555
MII Owner

WIPB-TV
Bob Fairchild
PO Box 1708
Muncie, IN 47308
(317)285-1249
MII Owner

WIPB-TV
James Miller
PO Box 1708
Muncie, IN 47308
(317)285-1249
MII Owner

WKJG-TV
Matt Kyle
2633 West State Blvd
Ft. Wayne, IN 46808
(219)422-7474
MII Owner

WSBT AM TV
Chris Thomson
300 W. Jefferson Blvd
South Bend, IN 46601
(219) 233-3141
MII Owner

WTTV
Fred Baumgartner
3490 Bluff Road
Indianapolis, IN 46202
(317) 787-2211
MII Owner

Iowa

American Heritage Cable
Brian Sawyer
1729 McPherson Ave
Council Bluffs, IA 51503
(712) 328-7207
MII Owner

Cedar Rapids Television Co.
Bruce Kruse
Second Ave. at Fifth St, SE
Cedar Rapids, IA 52401
(319)398-8422
MII Owner

Iowa State University
Denny Goodrich
Media Production Unit
Exhibit Hall South
Ames, IA 50011
(515) 294-2316
MII Owner

Iowa State University
Jim Twetten
Media Production Unit
Exhibit Hall S
Ames, IA 50011
(515) 294-2316
MII Owner

Kirkwood Community
College
Joe Taylor
6301 Kirkwood Blvd SW
Cedar Rapids, IA 52406
(319)398-5620
MII Owner

Pratt Audio Visual & Video
Corp.
Cynthia Egger
200 Third Ave., SW
Cedar Rapids, IA 52404
(319) 363-8144
Dealer

St. Luke's Hospital
Maureen Osako
1026 A Avenue, NE
Cedar Rapids, IA 52402
(319)369-7487

Kansas

Beechcroft Corp.
Richard Young
PO Box 85
Wichita, KS 67201
MII Owner

Fast Forward Productions
Brad Burrow
12508 Summertree
Olathe, KS 66062

First Generation Video
Wink Friesen
1802 N. Plum
Hutchinson, KS 67502
(316) 662-9262
MII Owner

Heartland Productions, Inc.
Bryan Winsby
PO Box 4180
Shawnee Mission, KS 66204
(913)236-6088
MII Owner

JAT Productions
Jill Ann Nichols
RR 3 Box 78
Lyons, KS 67554

KPTS
Dave McClintock
320 W. 21st St. North
Wichita, KS 67203
(316) 838-3090
MII Owner

KSAS-TV
David Bird
316 N. West St.
Wichita, KS 67203
(316)942-2424
MII Owner

KSNW
Martin Heffner
833 N. Main
Wichita, KS 67201
(316) 265-3333
MII Owner

Majec Video Productions
Jordan Gershon
9275 Flint St
Overland Park, KS 66214
(913)894-1188
MII Owner

Prism Productions
James Horine
110 South Cherry, Suite 1
Olathe, KS 66061
(913) 782-2992
MII Owner

Smokey Hills Public TV
Lloyd Mintzmeier
PO Box 9
Bunker Hill, KS 67626
(913) 483-6990
MII Owner

University of Kansas
Brian Powell
Athletic Dept.-Football
Allen Fieldhouse
Lawrence, KS 66045
MII Owner

Video Service of America
Patrick Barber
PO Box 14945
Lenexa, KS 66285-4945

Kentucky

Dench Video Services, Inc.
Tim Dench
9141 Bardstown Rd.
Louisville, KY 40291
(502) 239-0229
MII User

KET
Michael Howard
600 Cooper Drive
Lexington, KY 40502-2296
(606) 238-7089
MII Owner

S & W Productions
Tom Prigge
459 Broyles Ave
Paducah, KY 42003
(502) 554-3057
MII Owner

S & W Productions
Terry Schmitt
459 Broyles Ave
Paducah, KY 42003
(502) 554-3057
MII Owner

WPSD-Engineering Dept.
Jim Franklin
P.O. Box 1197
Paducah, KY 42002-1197
(502) 442-8214
MII Owner

Louisiana

Mike Blohm
4910 Marquee Dr
New Orleans, LA 70127

Channel One Video
Brian Butcher
PO Box 5454
Lafayette, LA 70502

Execute Productions
Tom Samuels
127 S. Solomon St
New Orleans, LA 701195928
(504)482-8848
MII User

In-Sync
Larry Christensen
13 Country Club Lane
Shenandoah, LA 51601
(712)246-5848
MII User

JB CableAds
Jim Dull
635 Stoner Ave.
Shreveport, LA 71101
(318) 222-4290
MII Owner

Mission Service Supply Inc
Joey Guy
900 Wood St
West Monroe, LA 71291
(318)325-8674
Dealer

Mission Service Supply Inc.
Carl Hicks
PO Box 2957
West Monroe, LA 71294
(800)352-7222
Dealer

Newcomer Young Productions
James Young
201 Trenton St
West Monroe, LA 71291
(318)325-4413
MII Owner

Newcomer Young Productions
Ken Purcell
201 Trenton St
West Monroe, LA 71291
(318)325-4413
MII Owner

Newcomer Young Productions
Chris Turner
201 Trenton St
West Monroe, LA 71291
(318)325-4413
MII Owner

Producer's Group International
Bob Krieger, Jr.
634 Village Lane North
Mandeville, LA 70448
(504) 674-1540
MII Owner

Video First Productions
Ray Morvant
PO Box 331
Kaplan, LA 70548
(318)643-1988

Vidox
Chris Allain
1223 St. John
Lafayette, LA 70506
(318)237-1700
MII Owner

WYES
Mike Denning
PO Box 24026
New Orleans, LA 70184
(504) 486-5511
MII Owner

Maine

James Waligora
3555 N. Raymond Rd
Poland Spring, ME 04274
MII User

Maryland

Action Comm Research
Chip Gallo
1616 Forbes St
Rockville, MD 20851

Antietam Cable TV
Jim Lucas
1000 Willow Cr
Hagerstown, MD 21740
(301) 797-5000 x122
MII Owner

Antietam Cable TV
Dave Dahl
1000 Willow Cr
Hagerstown, MD 21740
(301)77 7-5000 x122
MII Owner

AVA Productions
Dick Slade
1412 Northeast Drive
Silver Spring, MD 20904
(301) 384-9395
MII Owner

Bell Atlantic
Tom Erdely
801 Roeder Road
Silver Spring, MD 20910
(301) 565-8663
MII Owner

Carpel Video
Andy Carpel
429 E. Patrick St
Frederick, MD 21701
(800) 238-4300
supplier

Colorlab
Russ Suniewick
5708 Arundel Ave.
Rockville, MD20852
(301) 770-2128
MII Owner

Commercial Video Services
Greg Honeycutt
101 Winston, St
Cumberland, MD 21502
(301)724-2799
MII Owner

Communications Televideo Ltd.
Jim Lopynski
9301 Georgia Ave.
Silver Spring, MD 20910
(301) 585-6311
Dealer

Communications Televideo Ltd.
Charles Brochna
9301 Georgia Ave.
Silver Spring, MD 20910
(301) 585-6311
Dealer

Communications Televideo Ltd.
Paul Farren
9301 Georgia Ave.
Silver Spring, MD 20910
(301) 585-6311
Dealer

Communications Televideo Ltd.
Mr. Han S. Jan
9301 Georgia Ave.
Silver Spring, MD 20910
(301) 585-6311
Dealer

DBM Production
Douglas Maddox
PO Box 20115
Towson, MD 21286
(410) 825-2848

Bill Goon
913 Hyde Road
Silver Spring, MD 20902

Steve Crouch
4407 Independence St.
Rockville, MD 20853
(301) 946-6380
Repair

Fallen Angels Films, Inc.
Lynn Till
530 Fawn's Walk
Annapolis, MD 21401
(410)974-0516
MII Owner

Fay Communications Inc.
Tim Fay
802 Argyle Rd
Silver Spring, MD 20901
(301)588-0778
MII Owner

Fuji Pro Tape
J. Thomas Baum
1089 Heathers Dr.
Westminster, MD 21158-3602
(301) 876-9590
Manuf.

Global Vision
Tariq Nazir
PO Box 535
Rinerstown, MD 21136
(301)356-6715
MII User

Hocus Focus Productions
Don Armstrong
200 E Joppa Rd, Ste L105
Towson, MD 21204
(410)832-5740
MII Owner

Henry Joseph, III
10169 New Hampshire Ave.
Suite 198
Silver Spring, MD 20903
(301) 434-7347
MII User

Image Productions
John Young
9535 Mapleview Road
Hagerstown, MD 21740
(301) 739-4590
MII Owner

In Motion Magazine
Allison Dollar
1203 West St
Annapolis, MD 21401

In Motion Magazine
Lynn Johnson
1203 West St
Annapolis, MD 21401

Johns Hopkins APL
Fred Cadden
Johns Hopkins Rd
Laurel, MD 20723
(301) 953-6786
MII Owner

Kennedy Krieger Institute
Michele Lash
707 N. Broadway
Baltimore, MD 21211
(410)550-9448

KTS Television & Film
Mark Kregel
1403 Ronson Ct.
Aberdeen, MD 21001
(410) 734-7961
MII Owner

Lister Hill Natl.Center For
Biomedical Communications
James Charuhas
Bldg 38A RM B2N35
Bethesda, MD 20894
(301)496-6396

Montgomery College
Tom Cook
51 Marnacke
Rockville, MD 20850
(301)251-7159

Preston Trucking
Bob Lyons
151 Easton Blvd.
Preston, MD 21655
(301) 673-7151
MII Owner

PO County Office of TV
Resources
Don Mattingly
8437 Landover Road
Landover, MD 20785
(301) 386-1629
MII Owner

Prince Georges Co. Public
Schools
Scott Schiller
8437 Landover Road
Landover, MD 20785
MII Owner

Prince Georges Co. Public
Schools
Chuck Wolfe
8437 Landover Road
Landover, MD 20785
MII Owner

Professional Products, Inc.
James Baldwin
4964 Fairmont Ave.
Bethesda, MD 20814
(301) 657-2141
Dealer

Professional Products, Inc.
Bob Williams
2605 N. Rolling Rd, Suite 406
Baltimore, MD 21207-1960
(301) 298-7111
Dealer

Ralph Graves Productions, Inc.
Bill Graves
5161 River Rd, Bldg 2, Suite 103
Bethesda, MD 20816
(301) 986-4577
MII Owner

Regional Cable Network
Cindy Garland
1000 Willow Cir.
Hagerstown, MD 21740
(301) 797-5000

Ritz Audio/Visual
Scott Grady
6620 Virginia Manor
Beltsville, MD 20705
MII User

Sign Media Inc.
Verden Ness
4020 Blackburn Lane
Burtonsville, MD 20866
(301) 421-0268
MII Owner

Specialized Communications
Dave Clayberg
907 Maryland Ave.
Hagerstown, MD 21740
(800)359-1858
(301)790-0103
Repair

Take One Video
Don Powell
997 Headwater
Annapolis, MD 21403

TCI Cablevision
Bob Hickey
201 S. Mechanics St
Cumberland, MD 21502
(301)722-6547
MII Owner

Towson State
University
Stacey O'Neal
Dept of Speech/Communication
Towson, MD 21204
(410) 830-3433
MII Owner

TPI Productions
Bill Perkins
5410 Goldsboro Road
Bethesda, MD 20817
(301) 320-5979
MII Owner

USF&G Corp
Steve Kuhn
5801 Smith Ave
Baltimore, MD 21209
(414)578-2916
MII Owner

Video on Location
Jimmy Veizis
11600 Nobel St.
Rockville, MD 20852
(301) 984-5823
MII Owner

Video on Location
Dino Veizis
11600 Nobel St.
Rockville, MD 20852
(301) 984-5823
MII Owner

Video Transfer, Inc.
Ernie Aschenbach
5709-B Arundel Ave.
Rockville, MD 20852
(301) 881-0270
MII Owner

Videovision
Mike Wicklein
37 E Washington St
Hagerstown, MD 21740
(301) 791-3496

Virtual Image Labs, Inc.
David Page
1738 Elton Rd. Ste307
Silver Spring, MD
20904-1725
(301)431-7735
MII Owner

VMAG
Kendra Cook
5410 Goldsboro Road
Bethesda, MD 20817
(301) 320-0077
MII Owner

Washington Professional
Systems
Mike Gerry
11157 Viers Mill Rd
Wheaton, MD 20902
(301) 942-6800
Dealer

WBFF
Del Parks
2000 W. 41st. Street
Baltimore, MD 21211
(301) 467-4545
MII Owner

WBFF
William Hackney
2000 W. 41st. Street
Baltimore, MD 21211
(301) 467-4545
MII Owner

WHAG-TV
Wayne Younkins
13 E. Washington St.
Hagerstown, MD 21740
(301) 797-4400
MII Owner

Massachusetts

A/V Services
Bob Pooker
674 Mass Ave (Rt 111)
Boxborough, MA 01719
(508) 823-7727
MII Owner

Bob Benson Video Film
Robert Benson
287 Chappel St
Holden, MA 01520
(508) 825-5448
MII Owner

The Camera Corp
Marty Feldman
858 Providence Hwy
Norwood, MA 02062
Dealer

Crimson Tech
Lee Wolloff
325 Vassar St
Cambridge, MA 02139
(617) 868-5150
Dealer

Eastern Video Systems, Inc
Bob Strauss
2 Sterling Rd
Billerica, MA 01862
(508)667-0009
Dealer

GTE Labs, Inc.
Rich Weiland
40 Sylvan Rd.
Waltham, MA 02254
(617) 466-4151
MII Owner

Mike Healy
25 Highland Terrace #2508
Plymouth, MA 02360

Iron Fist Productions
Aniel Lustig
432-A Mass Ave
Arlington, MA 02174
(617) 646-5954
MII User

LCR Productions
Leo Rotkiewicz, Jr.
46 Elm St
South Deerfield, MA 01375-1006
(413) 665-2946
MII User

Media Partners of MA
Gary Pink
1837 Ocean St.
Marshfield, MA 02050
(617) 837-5301
MII Owner

MIT Earth & Planetary Sciences
Tim Dowling
18 Vassar St Bldg 54-420
Cambridge, MA 02139
(617) 253-1785
MII Owner

New Avenue Communications
Phil Alape
50 Hunt St
Watertown, Ma 02172
(800)835-5222
MII User

New England Cablevision
Jerry Kline
38 Blackburn Center
Gloucester, MA 01930
(508)281-2285

Plainsong Productions
Ben Achtenberg
47 Halifax Street
Jamaica Plain, MA 02130
(617) 524-0980
MII User

Post Time Productions
Fred Mycroft
340 Anawan Street
Rehoboth, MA 02789
MII Owner

ProMEDIA
Flonano Cabral
246 Palmer Street
Fall River, MA 02724
(508)994-0447
MII Owner

Studio 5 Productions
Bill Lowell
5 TV Place
Needham, MA 02192
(617) 449-0400
MII Owner

Thom McAn
Greg Lindgren
67 Millbrook St.
Worcester, MA 01606
(508) 791-3811
MII Owner

WNAC-TV
Gary Sprague
33 Pine St
Rehoboth, MA 02769
MII Owner

Michigan

Blue Sky Productions
Peter Hickman
1020 Creyts Rd., Suite 305
Lansing, MI 48917
(517) 886-2010
MII Owner

Christian Family Centre
Paul Maybee
1800 W US 223
Adrian, MI 49221
(517)263-6232
MII Owner

Communications Systems
Group
Kirk Kinkle
13555 Capital Ave
Oak Park, MI 48237
(313) 399-2000
Dealer

Communications Systems
Group
Andrew McCaskey
13555 Capital Ave
Oak Park, MI 48237
(313) 399-2000
Dealer

Delta College
Harold Conley
University Center, MI 48710
(517)686-9354
MII Owner

Digital Animation Corp.
Ron Ware
24445 Northwestern Hwy,
Suite 105
Southfield, MI 48075
(313)354-0890
MII User

Dunbar Video Productions
William Dunbar
2487 Houser Rd
Holly, MI 48442
(313)634-8686
MII Owner

Dan Fitzgerald
P.O. Box 126
Tecumseh, MI 49286
(517) 423-8124
MII User

Int'l Learning Systems, Inc.
Larry S. Bothe
Rm 120 Bell Hall
Andrews University
Berrien Springs, MI 49104-
0087
(616)471-6052
MII Owner

Ken Johnston
3470 Dobie Rd
Okemos, MI 48864
(517)349-2976
MII User

Lake Michigan College
Todd Blake
2755 E Napier Ave
Benton Harbor, MI 49022
(616)927-3571 x5248
MII Owner

Lake Michigan College
Kevin Burdall
2755 E Napier Ave
Benton Harbor, MI 49022
(616)927-3571 x5249
MII Owner

Mirage Video
Communications Inc
Richard Sulko
12413 S
Harlem, IL 600463
MII Owner

Mt Hope Church
Bob Glennon
202 S Creyts Rd
Lansing, MI 48917
(517) 321-2780
MII Owner

Mt Zion Temple
David McClure
4900 Maybe Rd
Clarkston, MI 48348
(313) 391-6166
MII Owner

Persona Video
Tony Gorkiewicz
6668 Orchard Lk Rd 200
West Bloomfield, MI 48322
MII Owner

PDQ2 MultiMedia
7465 West Grand River
Brighton, MA 48116
(313) 229-0843
MII Owner

Q-1 Video Network
Tim Hart
62 Division
Coldwater, MI 49036
(517) 279-8752
MII Owner

Thalner Electronic Labs
Karl Couyoumjian
7235 Jackson Rd.
Ann Arbor, MI 48103
(313) 761-4506
Dealer

Thalner Electronic Labs
John Young
PO Box 96
Bangor, MI 49013
(616) 427-8233
Dealer

True Life Video
Ted & Kay Slankster
9155 Davisburg Road
Clarkston, MI 48348
(313) 625-9155
MII User

University of Michigan,
METN
Jerry McCarty
RM 1020 HH Dow Bldg
Ann Arbor, MI 48189-2136
(313) 763-1233
MII Owner

Vivid Visions, Inc
Christopher Hart
9282 General Dr., Suite 130
Plymouth, MI 48170
(313) 453-7770
MII Owner

VPM Studios
Gene Casaroli
13761 Bell Court
Stirling Heights, MI 48312
(313) 939-8680
MII Owner

Western Michigan Public
Broadcasting
Tim Scarpino
301 West Fulton
Grand Rapids, MI 49504-
6492
(616)771-6666
MII Owner

Western Michigan
University
James Kirkland
Television Department
Kalamazoo, MI 49008-3899
(616) 387-5040
MII Owner

Western Michigan
University
Brad Morgan
Television Studios
Kalamazoo, MI 49008-5167
(616) 387-5042
MII Owner

Western Michigan
University
Brad Morgan
Television Studios
Kalamazoo, MI 49008-5167
(616) 387-5042
MII Owner

Western Michigan
University
Brad Morgan
Television Studios
Kalamazoo, MI 49008-5167
(616) 387-5042
MII Owner

Western Michigan University
Janet Oliver
Television Studios
Kalamazoo, MI 49008-5167
(616) 387-5042
MII Owner

WNEM TV 5
Greg Surma
107 N. Franklin St
PO Box 531
Saginaw, MI 48606
(517) 758-2084
MII Owner

WNEM TV 5
Michael J Miller
107 N. Franklin St
PO Box 531
Saginaw, MI 48606
(517) 755-8191
MII Owner

WNMU-TV
Northern Michigan University
Earl Litch
Marquette, MI 49855
MII Owner

Wolohan Lumber
Paul Adler
P.O. Box 3235
1740 Midland Rd
Saginaw, MI 48605
(517) 793-4532 x374
MII Owner

WKYZ
Mike Doback
PO Box 789
Southfield, MI 48037
(313) 827-9490
MII Owner

WZZM-TV
Chuck Mikowski
645 Three Mile Rd N.W.
Grand Rapids, MI 49504
MII Owner

Minnesota

3M
Chris Binner
3M Center
Building 223-5N-01
St Paul, MN 55119
(612) 733-9697
Manuf.

Alpha Video
Dick Whintey
7711 Computer Ave.
Edina, MN 55435-5494
(612) 896-9898
Dealer

Alpha Video
Tom Egan
7836 2nd Ave. S.
Bloomington, MN 55420
(612)881-2055
Dealer

Audio Visual Wholesaler
Tom Toutges
5395 31st Ave
Plymouth, MN 55447
Dealer

Bundy Group
J.D. Bundy
Box 11098
Minneapolis, MN 55411
(612)832-3812
MII Owner

Century Design
Jody Heuring
530 15th Ave. S.
Hopkins, MN 55343-7889
(612) 935-0033
MII Owner

CASAA Productions
Larry Gilbertson
2101 57th Ave N
Brooklyn Park, MN 55430
(612) 560-1335
MII Owner

Cinequipt
Kevin Groves
856 Raymond Ave
St Paul, MN 55114
(612) 646-1780
Dealer

Cinesound 2
Dennis O'Rourke
6461 Lyndale Ave. South
Minneapolis, MN 55423
(612) 866-5049
MII Owner

Conus Communications
Jonathan Meyers
3415 University Ave
St Paul, MN 55114
(612) 642-4637
MII Owner

Gottry Advertising & Marketing,
Inc.
Rich Elsberry
5001 West 80th ST., Ste 655
Bloomington, MN 55437
MII Owner

Grant Booker Video
Terry Grant
2543 Nicollet Ave. S
Minneapolis, MN 55404
(612) 874-7452
MII Owner

Heuton Dailey Monson
Jamie Heuton
6573 City West Pkwy
Eden Prairie, MN 55344
(612)943-1711
MII Owner

Jamieson & Associates, Inc.
Richard Jamieson
5200 Wilson Road - 300
Minneapolis, MN 55424
(612)920-3770

Juntunen Video
Mike Vinup
708 N. First St., Ste 131
Minneapolis, MN 55401
(612)341-3348
MII Owner

KARE
Norm Beardsley
8811 Olson Memorial HWY
Minneapolis, MN 55427
(612) 546-1111
MII Owner

KARE
Michael Young
PO Box 11954
St Paul MN 55111
(612)825-4835
MII User

King Video Cable Co.
Dennis Becker
6901 Winnetka Ave. North
Brooklyn Park, MN 55428
(612) 531-4422
MII Owner

Marketing By Video
Louis Hagan
6440 Flying Cloud Dr., STE 101
Eden Prairie, MN 55344
(612)944-3323
MII Owner

Mayo Clinic
Marvin Mitchell
Video Communications Systems
Rochester, MN 55905
(507) 284-2511
MII Owner

Miller Meester Advertising
Dan Sauard
17 N Washington Ave
Minneapolis, MN 55401
(612) 337-9120
MII Owner

Northern Minnesota Public TV
Bill Sanford
Box 9 BSU
Bemidji, MN 56601-2699

Northland Insurance Companies
Charlie Stellick
1295 Northland Dr.
St. Paul, MN 55120-1146
(612)688-4721
MII Owner

NW Airlines
Bob Brandia
5101 NW Dr., N7281
St. Paul, MN 55111
(612)726-0355
MII Owner

On Site Environmental Services,
Inc.
Tim Lewis
11760 Justen Circle
Maple Grove, MN 55369
(612) 428-2666
MII Owner

Physics Curriculum and Instr
Dave Hilson
22585 Woodhill Dr.
Lakeville, MN 55044
MII Owner

Promotional Films and Video,
Inc.
Al Peterson
1313 Cambridge St.
Hopkins, MN 55343
(612) 935-2183
MII Owner

Todd Communications
Tom Upmann
6545 Cecilia Cir.
Minneapolis, MN 55439
(612)941-0556
Dealer

Todd Communications
Bill Packlam
6545 Cecilia Cir.
Minneapolis, MN 55439
(612)941-0556 ex-484
Dealer

Vaughn Duplication Services
Keri Christiansen
7931 Computer Ave South
Minneapolis, MN 55435
(800)323-0281
MII Owner

Mississippi

WJTY, Broadcasters
of MS Inc
Mike Godwin
PO Box 8887
Jackson MS 39284-8887
(601)372-6311
MII Owner

Missouri

Duff Video Productions
Ron Duff
P.O. Box 881
Cape Girardeau, MO 63702-0881
(314) 334-1189
MII Owner

Foris Benefits Insurance
Company
Craig Campbell
2323 Grand Ave
Kansas City, MO 64108
(816)881-8719
MII Owner

Good News Productions
Stan Waite
Box 222
2111 N. Main
Joplin, MO 64802

KPLR
Jim Wright
4935 Lindell Blvd.
St. Louis, MO 63108
(314) 454-6306
MII Owner

Lines Video Systems
219 S Jefferson
Springfield, MO 65806
(800)641-4674
Dealer

Southeast Mo State Univ
David Andrews
1 University Plaza
Cape Girardeau MO 6370
(314) 651-2257
MII User

University of Missouri Video
Network
James Gear
301 Fine Arts Bldg
UMKC
Kansas City, MO 64110-2499
(816)235-1096
MII Owner

Vaughn Duplication Services
Pete Leverenz
13241 Tandem Drive
Creve Coeur, MO 63146
(314)576-6804

Montana

Eagle Communications, Inc.
C.J. Cannaliato
PO Box 5268
Missoula, MT 59806
(406) 721-2063
MII Owner

KECI-TV
Larry Arbaugh
PO Box 5268
Missoula, MT 59806
(406)721-2063
MII Owner

KCFW-TV
Chris Neuhausen
PO Box 857
Kalispell, MT 59901
(406) 755-5239
MII Owner

KTVM
Bill Ward
750 Dewey Blvd
Butte, MT 59701
(406)494-7603
MII Owner

KULR-TV
Patrick Shearer
PO Box 80810
Billings, MT 59108
(406) 636-8000
MII Owner

KUSM-TV MT State Univ.
Dean Lawver
Visual Comm Bldg
Bozeman MT 59717
(406)994-3437
MII Owner

Maney Telefilm
Dick Telefilm
842 Lexington Ave
Butte, MT 59701
(406)782-8092
MII Owner

Nebraska

Boys Town
Mark Warsoski
555 N 30th St
Omaha, NE 68131
MII Owner

BioMed Communications Dept
Jim Prucha
2400 California St.
Omaha, NE 68178
MII Owner

Chapman & Associates
Don Chapman
1912 California St
Omaha, NE 68102
(402) 3430440
MII Owner

Creighton University
Terence Barrio
2400 California St
Omaha, NE 68178
(402)280-2072
MII Owner

Creighton University
Chuck Lenosky
California at 24th St
Omaha, NE 68138
MII Owner

Creative Visual
Larry Homan
10135 J st.
Omaha, NE 68127
(800) 547-4184
MII Owner

Data Security Inc.
Jeff Mahoney
729 "Q" St.
Lincoln, NE 68508
(800) 225-7554
Manuf.

Garner Industries
Scott McLain
4200 N 48th
Lincoln, NE 68504
(800)228-0275
Manuf.

GPI Productions, Inc.
Tom Elkins
9140 W Dodge Rd
Omaha, NE 68114
(402)255-2630
MII Owner

GPI Productions, Inc.
Matt Kush
9140 W Dodge Rd
Omaha, NE 68114
(402)255-2630
MII Owner

GPI Productions, Inc.
Johnnie Travis
9140 West Dodge Rd
Omaha, NE
68114
(402) 255-2630
MII Owner

NTV Network
Jerry Fischer
P.O. Box 220
Kearney, NE 68848-0220
(308) 743-2494
MII Owner

WOWT-TV
Rick Lipowitz
123 Matis Street
South Plainfield, NJ 07080
(908) 756-0643
MII Owner

WOWT-TV
Robert Sandoval
3501 Farnam
Omaha, NE 68131
(402) 346-6666
MII Owner

WOWT-TV
Carl Bauman
3501 Farnam
Omaha, NE 68131
(402) 346-6666
MII Owner

Nevada

High Sierra Video Productions
Bryan Hoopes
930 Tahoe Blvd, Unit 802
Incline Village, NV 89450
(702)831-1236
MII Owner

Markons Video
Mark Carey
220 South Rock Blvd #9
Reno, NV
89502
(702)856-2011
MII Owner

Truckee River Studios, Inc.
Larry Beldin
PO Box 1529
Verdi, NV 89439
(800) 624-0977
MII Owner

Unique Video Productions
Bill Pearce
3932 Kingsrow
Reno, NV 89503

Western Nevada Community
College
2201 West Nye Lane
Carson City, NV 89703
(702)887-3073

New Hampshire

Channel One Video
Bill Channel
PO Box 1437
Seabrook, NH 03874
(603) 474-5046
MII User

Great Northern Video
Harvey Weinstein
31 Industrial Park Dr.
RFD 10
Concord, NH 03301
(603)228-0412
Dealer

Ickle Productions
Erik Lourette
7 Hampstead Rd
Box 439
Sandown, NH 03873
MII User

Taylor & Company
Robin Taylor
13 Dartmouth College Hwy
Lyme, NH 03768
(603)795-4100
MII User

Tech Services
Steve Carrus
23 Truell Rd
Holts, NH 03049

New Jersey

AICPA
Jim Catona
HARBORSIDE Financial Center
201 Plaza 3
Jersey City, NJ 07311-3881
(201) 938-3493
MII Owner

AICPA
Will Avgaralis
HARBORSIDE Financial Center
201 Plaza 3
Jersey City, NJ 07311-3881
(201) 938-3493
MII Owner

Audio + Video Post
Tony Beswick
235 Pegasus Ave
Northvale, NJ 07647
(201) 784-2818
MII User

Avon Productions
Fred Lipowitz
123 Matis Street
South Plainfield, NJ 07080
(908) 756-0643
MII Owner

Bell Atlantic
Corporate Television
Richard Deiss
540 Broad Street,
Room 400
Newark, NJ 07101
(201) 649-3885
MII Owner

Bottom Line Television
Mike Moran
1916 Old Cuthbert Rd.
Cherry Hill, NJ 08034
(609) 354-6060
MII Owner

Cassette Dub Inc.
Paul Ranieri
245 Livingston Street
Northvale, NJ 07647
(201) 767-7077
MII Owner

Costello Video Group, Inc.
Joe Costello
241 Molnar Dr.
Elmwood Park, NJ 07407
(201) 791-5449
MII Owner

CNBC
Mr. M. Reitman
2200 Fletcher Ave.
Fort Lee, NJ 07024
MII Owner

CNBC
Kevin Kudatzky
2200 Fletcher Ave.
Fort Lee, NJ 07024
MII Owner

CNBC
Steve Crispiano
2200 Fletcher Ave.
Fort Lee, NJ 07024
(201) 383-6334
MII Owner

CNBC
Bahman Samian
2200 Fletcher Ave.
Fort Lee, NJ 07024
(201) 346-2125
MII Owner

Harrison Feather
44 Park Ave.
Madison, NJ 07940-1526
MII User

Edit Masters
David Lane
1000 Laurel Oak Corp Ctr.
Voorhees, NJ 08043
(609) 784-1177
MII Owner

Garden State Cable TV
Martin Orensky
1250 Haddonfield-Berlin Rd.
Cherry Hill, NJ 08034
(609) 354-1880
MII Owner

JC Productions
John Cabill
352 Amsterdam Ave.
Bayville, NJ 08721
(908) 269-0100
MII Owner

Larry Cohen Productions
Larry Cohen
45 Mountain Drive
Wachung, NJ 07060
(908) 561-8742
MII Owner

New Life Productions
Richard Myers
PO Box 5500
Millville, NJ 08332
(609) 825-3332
MII Owner

NBC
Mr. Wayne Grennier
5 Caesar Place
Moonachie, NJ 07074-1702
MII Owner

Teleometrics
Anthony Cuomo
7 Valley St
Hawthorn, NJ 07506
(201) 423-0347
MII Owner

United Artists Cable
Peter Strang-Wolf
421 Allwood Rd
Clifton, NJ 07012
(201) 779-2444
MII Owner

Video Corp of America
PO Box 5480
Somerset NJ 08875-5480

Wing and a Prayer
Productions
Judy Gazzara
PO Box 94
Paulsboro, NJ 08066

WJ Kronemyer Associates
Bill Kronemyer
280 East Glen Ave.
Ridgewood, NY 07450
(201) 445-1919
MII User

New Mexico

CD Productions, Inc.
Dale Green
PO Box 2785
Corrales, NM 87048-2785
(505) 898-1544
MII Owner

CD Productions, Inc.
Cindy Barchus
PO Box 2785
Corrales, NM 87048-2785
(505) 898-1544
MII Owner

Corporate Image Video
David J. Stewart
P.O. Box 90801
Albuquerque, NM 87199
(505) 271-9555
MII Owner

G.C.Video, Inc.
Diane Bogle
425 Eubank Blvd, NE
Suite E
Albuquerque, NM 87123
(505) 293-6509
Dealer

KGSW-TV
Mark Gardner
1377 University Blvd NE
Albuquerque, NM 87102
MII Owner

New Mexico Highlands Univ.
Drake Bingham
Communication Arts Bldg
Las Vegas, NM 87701
(505) 454-3353
MII Owner

New Mexico Technical Institute
Paul Hoffman
Geoscience Dept.
Socorro, NM 87801-4796
(505) 835-5108
MII Owner

OnTrack Inc.
Cy Leland
Box 3188 HS
Ruidoso, NM 88345
(505) 378-8030
MII Owner

OnTrack Inc.
Peter Martin
Box 3188 HS
Ruidoso, NM 88345
(800) 424-7296
MII Owner

PCI, Inc.
Idella Cantrell
1595 W. Armador Ave
Suite H
Las Cruces, NM 88005
(505) 523-7788
Dealer

Sandia National Labs
Jim Lloyd
Organization 7153
P.O. Box 5800
Albuquerque, NM 87185
(505) 844-3867
MII Owner

Sandia National Labs
Charles Johnson
Div 9249 Box 5800
Albuquerque, NM 87185
(505) 844-7911
MII Owner

Troxell
Terry Hixson
2730 San Pedro, NE
Albuquerque, NM 87110
Dealer

Video Technical Services
George McClelland
222 Truman NE
Albuquerque, NM 87108
(505) 265-4045
Dealer

Vista Media, Inc.
Charles Johnson
P.O. Box 14392
Albuquerque, NM 87191
(505) 298-0004
MII User

New York

A-1 Videography
Bill Tucker
1796 Devendorf Rd.
Schenectady, NY 12303-2640
(518) 356-0334
MII User

Allen AME Church
Gary Fultmore
1100-54 Merick Blvd
Queens, NY 11432
(718) 526-3510
MII User

All Pro
Sid Rubinstein
124 W. 60th St., Suite 51F
New York, NY 10023
(212) 582-4611
MII Owner

All Pro Production
Nathan Bacher
124 W. 60th St., Suite 20B
New York, NY 10023
(212) 489-3780
MII Owner

Advanced Video Systems
Ralph Olson
19 Roots Lane
Owego, NY 13827
800-233-2430
Dealer

Bausch & Lomb
Terry Shaw
1400 N. Goodman St.
Rochester, NY 14692
(716) 338-8779
MII Owner

B & B Systems, Inc.
Norman Schnapper
630 3rd Ave.
New York, NY 10017
(212) 599-0375
Supplier

BCS
Walter Druker
460 W. 34th Street
New York, NY 10001
(212) 268-8800
Supplier

Beruu Productions, Inc.
Wayne Keeley
626 McLean Ave.
Yonkers, NY 10705
(914) 964-1828
MII Owner

Bravo Studio
Michael Shkolnikov
2055 E 57th St
Brooklyn, NY 11234
(718) 377-4411
MII User

Broadcast Video Productions
Jack Miller
480 Main Street
Albany, NY 12206
(516) 438-8700
MII Owner

Broadcast Video Productions
Bill Cohen
27 Ricky Rd
Ronkonkoma NY 11779
(516) 467-7551
MII User

Broadway Video Inc.
Dave Radin
1619 Broadway 10th FL
New York, NY 10019
(212) 265-7600

Bronx Community College
Prof. Donald Canty
184 th St & University Ave
Bronx, NY 10453
MII Owner

Camera Mart
Steve Gordon
456 W. 55th St.
New York, NY 10019
(212) 757-6977
Supplier

Center for Video Education
Pat Shafer
56 Lafayette Ave
New White Plains, NY 10603
(914) 428-9620
MII User

Colortone
Bob Sieben
76 S. Central Ave.
Elmsford, NY 10523
(914) 592-4151
Dealer

Colortone
Jack Miller
76 S. Central Ave.
Elmsford, NY 10523
(914) 592-4151
Dealer

Coarc Video
Edward Helfer Jr.
PO Box 2, Rt 217
Mellenville, NY 12544
(800) 888-4451
Supplier

Steve Crispiano
1864 64th St
Brooklyn, NY 11204
(718) 232-1832
MII Sales & Repair Man

The Creations
Richard DePasio
41 Skytop Drive
Pleasantville, NY 10507
(914) 709-0676
MII Owner

CTL Electronics
Chi Tien Lui
116 West Broadway
New York, NY 10013

Elite Video Production
Kahnman Zanes
1612 E. 14th St
Brooklyn, NY 11229
(718) 627-0499
MII Owner

Euro Video Productions
Carl Holman
#9 Hazen Ln
Carmel, NY 10512
(800) 486-2275
MII Owner

Fine Art Productions
Richie Suraci
67 Maple St
Newburgh, NY 12550-4034

Fuji Photo Fil USA
Tom Daly
555 Tuxter Road
Elmford, NY 10523

Greater Rochester Cable
Harry Goldberg
71 Mount Hope Ave
Rochester, NY 14620
(716) 325-1111
MII Owner

HAVE, Inc.
Paul Swedenburg
309 Power Ave.
Hudson, NY 12534
(518) 828-2000
MII Owner/Supplier

Heritage Broadcasting of NY
Sargent Cathall
815 Central Ave
Albany, NY 12206
(516) 438-8700
MII Owner

Herkimer County Community College
Bob Schultz
Reservoir Rd
Herkimer, NY 13350
(315) 866-0300x238
MII Owner

Henry Joerz, Jr
7230 73rd St
Glen Dale, NY 11385
MII User

Don Herring & Assoc.
Don Herring
PO Box 71
Eastchester, NY 10709

HITN
Jose Rodriguez
449 Broadway 13
New York, NY 10013
MII Owner

IATSE
Karen Pizzuto
1515 Broadway #601
New York, NY 10036
MII User

IBM East Fishkill
Joseph Chin
Rt 52 Dept-31U, zip 22A
Hopewell Junction, NY 12533
(914) 894-8464
MII Owner

Leading Image
Larry Solomon
54 Kingsferry Rd.
Montrose, NY 10548
(914) 739-3562

Locke Productions
Christopher Johnson
14336 Oak Ave
Flushing, NY 11355
MII User

Manhattan Cable TV
Dean Adrian
120 E 23rd St
New York, NY 10010
(212) 598-7278
MII Owner

Manhattan Cable TV
Fred Ciccone
120 E 23rd St
New York, NY 10010
(212) 598-7269
MII Owner

Manhattan Cable TV
James Oakes
120 E 23rd St
New York, NY 10010
(212) 598-1787
MII Owner

Miller Pro Video
Stephen Cohen
48 W 21st Street
NY NY 10010-6994
(212) 741-8011
Dealer

Moyse & Associates, Inc
Claude Moyse
PO Box 49
Altamont, NY 12009
(518) 861-5663
MII Owner

MPCS Video
Joe D'Albert
514 W. 57th Street
New York, NY 10019-2902

Nassau County Police
(VISCOP)
Benjamin Homenick
490 Franklin Ave
Mineola, NY 11501
(516) 573-7013
MII Owner

NBC News Archives
Yuen Chin
30 Rockefeller Plaza, RM 922
New York, NY 10120
(212) 664-3223
MII Owner

NBC News
Mark Chomut
30 Rockefeller Plaza, RM 737
New York, NY 10120
(212) 664-3888
MII Owner

NBC News
Joe Marrone
30 Rockefeller Plaza, RM 737
New York, NY 10120
(212) 664-3888
MII Owner

NBC
Bill Sacrey
30 Rockefeller Plaza
Rm 1210W
New York, NY 10112
(212) 664-7140
MII Owner

NBC
Mr. Andy Morris
30 Rockefeller Plaza
Rm 1210W
New York, NY 10112
MII Owner

NBC News
Mel Weidner
30 Rockefeller Plaza, RM 807
New York, NY 10112
(212) 664-6118
MII Owner

NBC News
Stu Peaman
52-37 Second St
Long Island City, NY 11101
(718) 482-8310
MII Owner

New York City
Sanitation Department
Mike Barbarotto
Audio Visual Services Unit
PO Box 213
Maspeth (Queens), NY 11378
(718) 334-9217
MII Owner

New York Telephone
William Basciano
1095 Avenue of the Americas,
Rm 1600
New York, NY 10036
(212) 395-0111
MII Owner

Northstar Television Group
Mark Olkowiak
405 Lexington Ave, 54th Floor
New York, NY 10174
MII User

PCI Recording Service
Ted Hummel
737 Atlantic Ave.
Rochester, NY 14609
(716) 288-5620
MII User

PDR Productions
Neil Derosa
219 E. 44th St
New York, NY 10017
(212) 986-2020
MII

OwnerPost Plus
Frank Ahrens
40 East Main
Port Jarvis, NY 12771

SUNY Institute of Technology
Steve Peris
PO Box 3050
Utica, NY 13504
(315) 792-7180
MII Owner

Tara Audio Video Sales
Maritza Arzenal
1370 Ave of the Americas
NY NY 10019
(212) 581-6950
Dealer

Vaughn Duplication Services
Lloyd Dorfman
10 E. 39th St
New York, NY 10016
(212) 447-1038
MII Owner

Vertex Video Group
Steven Zacharoff
1680 Bedford Ave. #22D
Brooklyn, NY 11225
(917) 756-0438
MII Owner

Video Keepsakes
Doris Blachut
85 Oliver Ave
Valley Stream, NY 11580
(516) 285-7146
MII Owner

Video Magic Enterprise
Malvin Flythe
120 W 3rd St
New York, NY 10012

Vidipex
Jim Lindner
PO Box 2
Eldred NY 12732
(914) 557-3600
MII User

VIZ Technologies
3861 Ocean View Ave
Brooklyn, NY 11224
(718) 714-9873
MII User

Vlahos Communications
Harvey Vlahos
State Rt 156
Altamont, NY 12009
(518) 861-8176
MII User

Warner Advertising
Brian Warner
150 N. Winton Road
Rochester, NY 14610
(716) 654-6710
MII Owner

WPIX
Bob Murch
222 42nd St
New York, NY 10017
(212) 210-2552
MII User

WWNY-TV
Jim Corbin
120 Arcade St
Watertown, NY 13601
(315) 788-3800
MII Owner

WXXA TV
Sargent Cathall
815 Central Ave
Albany, NY 12206
(518) 438-8700
MII Owner

North Carolina

A&T State University
Arthur D. Selby
Greensboro, NC 27406
MII User

Camp Lejeune Dept. Schools
Mirjam Bohnet
Camp Lejeune, NC 28542
MII User

Christian Faith Center
Willie Hodges
PO Box 100
Creedmoor, NC 27522
(919) 528-1580
MII Owner

Curtis Inc.
Dave Pettigrew
18517 Thicket Ct.
Charlotte, NC 28278
(800) 733-2878
MII Owner

Dream Keepers Intl
Greg Davis
PO Box 2128
Morehead City NC 28557
(919) 726-4888
MII User

Junior Johnson & Associates
Ron Dauenhauser
Wilkesboro, NC 28697
(919) 984-2101
MII Owner

Long Communications Group
Spencer Bullins
961 Burke St
Winston-Salem, NC 27101
(919) 725-2306
Dealer

Long Communications
Billy Register
1018 Morrisville Pkwy, Ste D
Morrisville, NC 27560
(919) 481-1188
Dealer

Lowe's Companies, Inc.
Bill Hurd
PO Box 1111
North Wilkesboro, NC 28659
(919) 651-4933
MII Owner

Marine Grafics
Bill Lovin
Box 2242
Chapel Hill, NC 27515
(919) 362-8867
MII Owner

Mobile Television Productions
Robert Warren
2121 Middle Road
Fayetteville, NC 28301
(919) 483-4777
MII Owner

Peggy Davis Advertising Agency
Sam Davis
4025 Sunnydale Dr.
Winston Salem, NC 27106
(919) 924-8666

Punkin Creek Video Production
Harold Ferguson
520 Coffee Ave
North Wilkesboro, NC 28659
(919) 667-7717
(MII Owner)

Quail Video Product
Bob Peretz
614 Glenwood Ave
Raleigh, N.C. 27603
(919) 833-3100
Dealer

Quinn Productions
Amanda Robertson
PO Box 25474
Winston-Salem, NC 27114-5474
(919) 768-2746
MII Owner

Sara Lee Direct
Walter Orzechwa
470 Hanes Mill Rd
Winston-Salem, NC 27105
(919) 519-7138
MII Owner

Southern Video Corp.
Louis Asbury
1016 S. Church St
Charlotte, NC 28203
(704) 333-5454
MII Owner

Southern Video Corp.
Gary Killough
1016 S. Church St
Charlotte, NC 28203
(704) 333-5454
MII Owner

State of North Carolina
Agency for Public
Telecommunications
Richard Danchi
116 West Jones Street
Raleigh, NC 27603
(919) 733-6341
MII Owner

Target Television
Don Kirk
1001 S Marshall St
Winston-Salem, NC 27101
MII Owner

Technical Video Systems
Jim Holladay
215 North Broad St
Winston Salem, NC 27101

TeleFox
Bill Hitchcock
PO Box 2069
Moorehead, NC 28557
(919) 240-7340
MII Owner

Video Perception
Rick Hall
1016 S Church St
Charlotte, NC 28203
(704) 338-0900
MII Owner

Walt Kline & Assoc.
Mike Laur
200 Brookstown Ave
Winston Salem, NC 27101
(919) 727-4900
MII Owner

WECT
Wayne Tiner
322 Shipyard Blvd
Wilmington, NC 28401
(919) 791-8070
MII Owner

WFXI-TV
Gordon Becton
PO Box 2069
Moorehead, NC 28557
(919) 240-0888
MII Owner

W.H. Platts Company
Brooks Platts
234 Meacham street
Charlotte, NC 28203
(704) 332-9053
Dealer

WJZY
Ed McKay
PO Box 668400
Charlotte, NC 28266-8400
(704) 398-0046
MII Owner

WRAL
Al Dunbar
2619 Western Blvd
Raleigh, NC 27606
(919) 821-8564
MII Owner

WRAL
Ron Tyndall
2619 Western Blvd
Raleigh, NC 27606
(919) 821-8520
MII Owner

North Dakota

UND Aerospace
John Ness
PO Box 8009
Grand Forks, ND 58202-8009
(701) 777-4722
MII Owner

WDAY-TV
Joel Aagenes
301 8th Street So.
 Fargo, ND 58103
(701) 237-6500
MII Owner

Ohio

Advanced Video
Jeff Costa
1312 Wise Dr
Miamisburg, OH 45342
(513) 461-6800
MII Owner

ALLTEL Service
Corporation
Kenneth C. Nelson
2000 Highland Road
Twinsburg, OH 44087
(216) 963-1862
MII Owner

Aretta Sevastakis
1656 Archwood Ln
Toledo, OH 43614

Bear Productions
Robert Manster
2633 Warner Rd Fowler,
OH 44418
(216) 638-3430
MII Owner

Jeff Chambers
4156 Little York Rd
Dayton, OH 45414
(513) 890-8797
MII Owner

Classic Video
Dave Givaven
5001 E. Royallion Rd
Cleveland, OH 44147
(216) 838-5377
MII Owner

Claybaugh Enterprises Inc
David Clay baugh
2959 Layhigh Rd
Hamilton, OH 45013
(513) 738-0880
MII Owner

Curtis, Inc.
Dan Kerr
2025 Reading Rd.
Suite 130
Cincinnati, OH 45202
800-733-2878
MII Owner

Horizon Production, Inc.
Bill Jacobs
2321 Kemper Ln
Cincinnati, OH 45206
(513) 559-0550
MII Owner

Image Video
Mike Tonges
6755 Freedom Ave, NW
North Canton, OH 44720
(216) 494-9303
MII Owner

Industrial Video
John Barak
1601 N. Ridge Rd E.
Lorain, OH 44055
(216) 233-4000
Dealer

Int'l Video Center
Fadi Kdayssi
2528 Edgehill Rd
Cleveland Hgths, OH 44106
(216) 321-1440
MII Owner

Mission Video Support
Paul Klouda
10011A State Rt. 88
Garrettsville, OH 44231
(216) 527-2182
MII Owner

Mission Video Support
Vince Sisson
10011 State Rt. 88
Garrettsville, OH 44231
(216) 527-2182
MII Owner

Nordson Corporation
Thomas Binns
555 Jackson Street
Amherst, OH 44001
(216) 988-9411x4540
MII Owner

Ohio Bell Telephone
Company
John Kovach
100 Erie View Plaza, Rm
230
Cleveland, OH 44114
(216) 822-7560
MII Owner

Prestige Production & Graphics
Design
John Basso
148 East Aurora Rd.
Northfield, OH 44067
(216) 467-8400

PJ Collins Co Inc
Peter Collins
PO Box 1195
Medina OH 44256-1195

B Squadron Video
Russ Beckner
2100 Heatherwood Ct
Middletown, OH 45042
(513) 422-9552
MII Owner

Riverside Film & TV
Productions
Rob Richardson, Jr.
PO Box 543
Mansetta, OH 45750
(614) 373-0861
MII Owner

RPC Video
Bob Ring
6777 Engle Road, Ste D
Middleburg Heights, OH 44130
(216) 891-8797
Dealer

RPC Video
Ron Caird
6777 Engle Road, Ste D
Middleburg Heights, OH 44130
(216) 891-8797
Dealer

Stanley Steamer Int'l
Steve Whitley
3500 Stanley Steamer Pkwy
Dublin, OH 43017
(614) 764-2007x553
MII User

Telxon
Kevin Gatewood
91 Springside Drive
Akron, OH 44313
(216) 666-4300
MII Owner

TW Teleproductions, Inc.
Tom Whaley
514 Penn. Ave
Sanduskey, OH 44870
(419) 621-0602
MII Owner

Vanguard Productions
Jerry Beck
7020 Huntley Rd
Columbus, OH 43229
(614) 436-4610
MII Owner

Video Components
12117 Berea Rd
Cleveland, OH 44111-1625
(800) 899-8363
Dealer

Video Duplication Services
Pete Stock
PO Box 18337
Columbus, OH 43218
(800) 289-4301
MII Owner

WAKC-TV
Earl Miller
853 Copley Rd
Akron, OH 44320
(216) 535-7831
MII Owner

WBNX-TV
Bill Cogger
2690 State Rd
Cuyahoga Falls, OH 44221
(216) 920-1019
MII Owner

WBNX-TV
Donald Richardson
2690 State Rd
Cuyahoga Falls, OH 44221
(216) 928-5711
MII Owner

WEWS-TV
Ed Miller
3001 Euclid Ave.
Cleveland, OH 44115
(216) 431-3687
MII Owner

WGBU-TV
Bill Leutz
Bowling Green Univ.
245 Troup St
Bowling Green, OH 43403
MII Owner

WGTE TV
Dan Niesowicki
136 Huron St
Toledo OH 43697
(419) 243-3091
MII User

WHIZ-TV
Elmer Hartmeyer
629 Downard Rd.
Zanesville, OH 43701
(614) 453-5431
MII Owner

Wiegand Audio/Video Labs
Charles Wiegand
7758 Lafayette Rd, NW
Newark, OH 43055
(614) 967-0059
Supplier

WKYC-TV
Andy Hitchcock
1403 E. 6th St.
Cleveland, OH 44114
(216) 344-3356
MII Owner

WKYC-TV
Gerald Plimmons
1403 E. 6th St.
Cleveland, OH 44114
(216) 344-3333
MII Owner

WNED-TV
Alan Creed
13870 Salem Alliance Rd
Salem, OH 44460
(216) 337-3755
MII Owner

WTTE
Russ Tschimpke
6130 Sunbury Rd.
Westerville, OH 43081
(614) 895-2800
MII Owner

Oklahoma

Barrister Studios
Phil Atkinson
4305 S Mingo Ste A
Tulsa, OK 74146
(918) 663-7700
MII Owner

BCD Assoc.
RM Howard
7510 N. Broadway
Oklahoma City, OK 73116
Manuf.

KJRH
Vic Turner
3701 S. Peoria St
Tulsa, OK 74105
(918) 743-2222
MII Owner

Teleproduction Unlimited
Frank Laughlin
5820 South 129th East Ave
Tulsa, OK 74134-6705
(918) 252-2909
MII Owner

ViaGrafix
Mike Webster
31 South Adair
Pryor, OK 74361
(918) 825-6700
MII Owner

Oregon

Columbia Cable of OR
Jim DeChant
14200 SW Brigadoon Ct.
Beaverton, OR 97005
(503) 644-3188
MII Owner

Fishing the West
Kerry Brown
5484 SE International Way
Milwaukie, OR 97222
(503) 654-0092
MII Owner

Hultman Media Services
Gary Hultman
300 Limpy Creek Road
Grants Pass, OR 97527
(503) 474-6466
MII User

KBSP
Tim Mance
4923 Indian School Rd, NE
Salem, OR 97305
(503) 390-2202
MII Owner

KMTR-TV
Kurt Thelen
3825 International Court
Springfield, OR 97477
(503) 746-1600
MII Owner

Portland Public Schools
Jim Kunze
Television Services
5210 N. Kerby St
Portland, OR 97217
(503) 280-5838
MII Owner

Professional Video & Tape
Bill Floyd
10240 SW Nimbus Ave
Tigard, OR 97223
(503) 598-9142
Dealer

Psychological Research
Foundation
Loren Parks
19460 SW Shaw
Aloha, OR 97007
(503) 649-7007
MII Owner

Teknifilm/Vaughn
Jody McNamee
1434 NW 17th Ave.
Portland, OR 97209
(503) 224-3835
MII Owner

TELETEK Video
Judy & Virgil Sipes
19275 SW Tualasum Dr
Tualatin, OR 97062
(503) 638-5035
MII Owner

Vaughn Communications
Portland, OR
800-772-2251

Pennsylvania

Action Duplication
Craig Kuptsow
555 North Lane, Suite 5075
Conshohocken, PA 19428
MII User

Allen Organ Company
Clark Ferguson
150 Locust St
Macungie, PA 18062
(215) 966-2202
MII Owner

Arco Chemical
Chris Myers
3801 Westchester Pike
Newtown Square, PA 19073
(215) 359-2746
MII Owner

Ascension Video
Jim Boda
48 A St.
Northumberland, PA 17857
(717) 473-9733
MII Owner

Barlieb Wallace Heilman
Productions
Pamela Wallace
1680 Mine Site Rd
Allentown, PA 18103
(215) 395-7176
MII Owner

Bell Atlantic
Morris Hawk
1 Parkway, 2nd Floor
Philadelphia, PA 19102
(215) 466-3896
MII Owner

Cablevision of Johnstown
Jamie Reesman
120 Southmont Blvd.
Johnstown PA 15905
(814) 535-6551
MII User

CamCast Cable
Jim Enix
11400 NE Ave
Philadelphia, PA 19116
(215) 961-3813
MII Owner

Comtel Instruments
Sandy Riscoe
#9 Parkway Ctr Ste 180
Pittsburg, PA 15220
(412) 922-5720
Tape Supplier

Cornerstone TV
VTR Maintenance Dept.
Signal Hill Dr
Wall, PA 15148
(412) 824-3930
MII Owner

Erik Ciel Videotaping
1102 Denise Circle
Phoenixville, PA 19460-1815
(215) 933-3380
MII User

Grove World-Wide
Brad Gentile
1565 Buchanan Trail East
Shady Grove, PA 17256
(717) 597-8121

John McKee Productions, Inc.
John McKee
1111 Fawcett St.
White Oak, PA 15131
(412) 664-7583
MII Owner

Mine Safety Appliance Co.
Josh Bayer
PO Box 426
Pittsburgh, PA 15230
(412) 967-3198
MII Owner

NAMEDLOC Inc
Lon Crosby
430 Hollybush Rd
Bryn Mawr, PA 19010
MII User

Pittsburgh Videotape Inc.
Kurt G. Heas
1738 N. Highland Rd.
Suite 103
Pittsburgh, PA 15241
(412) 833-6370
MII Owner

Pro Video
Steve Zampena
1001 Sussex Blvd
Broomhall, PA 19008
(215) 328-7448
Dealer

Quail Video Products
Bill Frazier
949 Penn Ave
Pittsburgh, PA 15221
(412) 243-1300
Dealer

Quail Video Products
Brian Nee
949 Penn Ave
Pittsburgh, PA 15221
(412) 243-1300
Dealer

Reel Video Productions
Mark Johnson
300 Roosevelt Ave
Holidaysburg, PA 16648
(814) 695-8054
MII Owner

RPC Video
Paul Hauser
384 Route 909
Verona, PA 15147
(412) 828-1414
Dealer

SMI Productions
Stan Mack
5100 Tilghman St.
Suite 20
Allentown, PA 18104
(215) 398-8200
MII User

St. Margarets Hospital
Rich Moore
815 Freeport Rd.
Pittsburgh, PA 15215
(412) 784-5252
MII Owner

Video Spectrum
Wayne Stephany
630 Hedgewick Dr
Lancaster, PA 17603
(717) 394-4042
MII Owner

WICU-TV
Vincent Ugoletti
3514 State St.
Erie, PA 16508
(814) 454-5201
MII Owner

WHYY
John Collins
150 N. 6th Street
Philadelphia, PA 19106
(215) 351-1274
MII Owner

WJAC
Rob Abele
1949 Hickory Ln
Johnstown, PA 15905
(814) 255-7600
MII Owner

WPGH-TV
John Getz
750 Ivory Ave
Pittsburgh, PA 15214
(412) 931-8141
MII Owner

WPTT-TV
Chief Engineer
PO Box 2809
Pittsburgh, PA 15230
(412) 856-9010
MII Owner

WSEE-TV
Dan Nungesser
1220 Peach St
Erie, PA 16501
MII Owner

Rhode Island

Colony Cable
Dave Ribblett
169 Weybosset Street
Providence, RI 02901-0969
(401) 277-7852
MII Owner

Heritage Cable
Joe Stafford
PO Box 518
Lincoln, RI 02865
(401) 765-6652
MII Owner

Logeographics
Maria Houde
PO Box 23535
Providence, RI 02903
MII User

Mark Gordon
145 Hill Side Ave
Providence, RI 02914
(401) 273-0412
MII Owner

Narragansett TV
William Hague
25 Catabore Blvd
E Providence, RI 02920
(401) 438-3317
MII Owner

WPRI
Jim Costa
25 Catabore Blvd
E Providence, RI 02914
(401) 438-7200
MII Owner

WPRI
Mark Gordon
25 Catabore Blvd
E Providence, RI 02914
(401) 438-7200
MII Owner

South Carolina

Action Video Productions
Tommy Cabanias
9 E. Parkins Mill Rd
Greenville, SC 29607
(803) 297-8865
MII Owner

Cable Ad Connection
Dave Rodney
PO Box 746
Johus Island, SC 29457
MII User

Greenville Technical College
Michael Conet
PO Box 5616
Greenville, SC 29606-5616
(803) 250-8363
MII Owner

Motion Pictures Inc
Bruce Coy
534 Johnnie Dodds Blvd
Mt. Pleasant, SC 29464
(803) 881-9997.
MII Owner

Prime Cuts Productions
Lenny Spears
247 Riverland Dr
James Island, SC 29412
(803) 762-0719

Ron Shecut
3404 Keenan Dr
Columbia, SC 29201
(803) 765-2299
MII User

Sound & Images
Fess Shelton
PO Box 26895
Greenville, SC 29616
(803) 288-8400
MII Owner

Total Audio Visual Services
Allan Dox
1 Winsor Cove
Columbia, SC 29223
(803)788-1333
Dealer

Video South Productions
David Haskell
105 Cypress Plaza
PO Box 2249
Myrtle Beach, SC 29578
(803)236-3030
MII Owner

Walton Productions
Stan Walton
158 Cannondale Rd.
Columbia, SC 29210
(803)356-4880
MII Owner

WBTV
Doug Carter
PO Box 100530
Florence, SC 29501
(803) 662-1565
MII Owner

W.H. Platts Company
Billy Platts
710 King Street
Charleston, SC 29403
(803)723-7604
Dealer

South Dakota

Department of Ag Communications
Stuart Fedit
PO Box 2231, SDSU
Brookings, SD
(605)688-4507
MII User

KSFY
Doug Loos
300 N. Dakota Ave,
Suite 1000
Sioux Falls, SD 57102
(605) 336-1300
MII Owner

KSFY
Eugene Schultz
300 N. Dakota Ave,
Suite 1000
Sioux Falls, SD 57102
(605) 336-1300
MII Owner

South Dakota Public Broadcasting
Wayne Nelson
PO Box 5000
Vermillion, SD 57069
(605)677-3861
MII Owner

South Dakota Public Broadcasting
Mike Johnson
PO Box 5000
Vermillion, SD 57069
(605)677-3861
MII Owner

South Dakota Public Broadcasting
Daniel Schiedel
PO Box 5000
Vermillion, SD 57069
(605)677-3861
MII Owner

South Dakota Public TV
Kelly Watson
PO Box 22188
Brookings, SD 57007-2399
(605)688-4191
MII Owner

Tennessee

Allied Communications Corp.
Mark Conrad
PO Box 101482
Nashville, TN 37224-1482
(615)391-5500
MII Owner

Allied Comm Corp
Ken sparnell
2774 S Mendenhall #6
Memphis, TN 38115

Astro Audio Visual Inc
Ed Corbitt
7507 North Shore Drive
Knoxville, TN 37919
(615)691-7551
Dealer/Owner

Brentwood Music Inc
Ricky Blair
316 Southgate Ct
Brentwood, TN 37027

Linden Communication Group
Michael Stevenson
17 W. Pontotoc Suite 207
Memphis, TN 38103
(901) 523-0506
MII User

Miles & Associates
John Miles
755 Broad St NW
Cleveland, TN 37311
MII Owner

McKee Foods Corp.
Tom Hunter, Mgr.
AV Division
10260 McKee Rd
Box 750
Collegedale, TN 37315
(615)238-7111 x2382
MII Owner

Shop At Home Network
Dennis Wilson
P.O. BOX 12600
Knoxville, TN 37012-0600
(615) 688-0300
MII Owner

Sifford Video
Lawson Turk
121 Lyle Ln
Nashville, TN 37210
(800)251-1009

Video Ideas
4762 Highway 58
Suite G
Chattanooga, TN 37416
(615) 894-2677
MII Owner

WLJT-TV
Mike Branstetter
PO Box 966
Martin, TN 38237
(901)587-7561
MII Owner

WMC-TV
Mike Schwartz
1960 Union Ave.
Memphis, TN 38104
(901) 726-0555
MII Owner

WMC-TV
Perry Cain
1960 Union Ave.
Memphis, TN 38104
(901) 726-0555
MII Owner

World Class Productions
Frank Weeks
1300 East 9th Ave
Johnson City, TN 37601
(615)928-5753
MII Owner

WZTV
Ed Murlatt
631 Mainstream Dr
Nashville TN 37228
(615) 244-1717
MII User

Texas

Accelerated Christian Education
Don Gray
2600 Ace Lane
Lewisville, TX 75067
(214) 315-1776
MII Owner

Accelerated Christian Education
Steve Wilkes
2600 Ace Lane
Lewisville, TX 75067
(214) 315-1776
MII Owner

Accent Audio/Video Inc.
Robert Beene
13616 Neutron Rd
Dallas, TX 75244
(214)458-0501
Dealer

Accent Audio/Video Inc.
Ralph Luke
13616 Neutron Rd
Dallas, TX 75244
(214)458-0501
Dealer

Aestheticians Int'l Video Inc.
Ron Renee
3606 Prescott Ave Apt C
Dallas, TX 75219-2151

Audio Visual Productions
Louis Saldana
1801 Nickerson
Austin, TX 78704

Christian Video Ministries
J.D. Dunson
HCR 2
Beeville, TX 78102
(512) 358-3416
MII Owner

CompuTrac, Inc.
Roger Young
222 Munciple Dr.
Richardson, TX 75080-3583
(214) 234-3888
MII Owner

Design Comm Group
Michael Walters
206 Brocton
Victoria TX 77904
(512) 575-4952
MII User

ECI Video
Shawn Sterling
2809 Ross Ave
Dallas, TX 75201
(800)880-9400x224
Dealer/Repair Center

ECI Video
Johnny Griffin
2809 Ross Ave
Dallas, TX 75201
(800)880-9400x218
Dealer/Repair Center

ECI Video
Mel Joiner
2809 Ross Ave
Dallas, TX 75201
(800)880-9400
Dealer/Repair Center

ECI Video
Eddie Dunn
1309 11th at
Wichita Falls TX 76301
(817)723-8106
MII User

Envision Multimedia
a Barnhart Enterprise, Inc.
Keith Rogers
9337-B Katy Freeway
Suite 308
Houston, TX 77024
(713) 690 6545
MII Owner

Foley's Video Dept.
Steve Hemphill
Video Dept
1100 Main St
Houston, TX 77002
(713) 651-7153
MII Owner

Four M. Video, Inc.
E.F. Morrill
1610 N I H 35
San Marcos, TX 78666-6712

Fuji Photo Film
Bob Sullivan
1628 West Crosby Road
Suite 100
Carrollton, TX 75006
(214) 466-9200
Manuf.

Hatkvah Ministries
Brian Jones
2437 Bay Area Blvd, Ste. 143
Houston, TX 77058
(713)286-2480

Highland Park High School
Media Dept.
4220 Emerson St
Dallas, TX 75205
(214)453-4800
MII Owner

Industrial Audio Video
Mark Faulstich
2617 Bissonnet
Houston, TX 77005
(713) 524-1956
Service & Duplication

ISDL
Priya Dasi
400 Barasana Rd
Austin, TX 78737
(512) 288-7180
MII Owner

J Darrell Kirkley Inc.
Darrell Kirkley
11078 Morrison
Dallas, TX 75229
(214) 243-0013
MII Owner

KCEN-TV
Ken Smith
PO Box 6103
Temple, TX 76503
(817)773-6868
MII Owner/Repair Center

KTAB TV
Leland Ohlhausen
PO Box 5309
Abilene TX 79608
(915)695-2777
MII Owner

KTSM-TV
Andrew Kiaka
272 Shadow Mt 59
El Paso, TX 79912
(915)532-5421
MII Owner

KTSM-TV
Gregg Davison
801 N. Oregon St.
El Paso, TX 79902
(915) 532-5421
MII Owner

KTSM-TV
Rick Vilardell
801 N. Oregon St.
El Paso, TX 79902
(915) 532-5421
MII Owner

KXTX TV
Harold Naah
8900 Harry Hines Blvd
Dallas TX 75219
(214)521-3900
MII User

KXKV
Jerry Copeland
PO Box 2522
Waco, TX 76702
(817) 754-2525
MII Owner

KXKV
Mike Jugert
PO Box 2522
Waco, TX 76702
(817) 754-2525
MII Owner

KXKV
Lou Strowger
PO Box 2522
Waco, TX 76702
(817) 754-2525
MII Owner

Light Ministries
Charlene Collins
PO Box 670167
Houston, TX 77067
(713)875-4448
MII Owner

Legal Media Center
Kevin McInturff
4151 SW Freeway Suite 715
Houston, TX 77027
(713) 963-0397
MII Owner

On Location Video Services
Mel Rainer
PO Box 35657
Houston, TX 77035
(713) 728-1020
MII Owner

Pecan Video
Dan Cary
2254 Ravenwood Rd
Granbury, TX 76048
(817) 573-6800
MII Owner

Project Video
Gary Brewton
PO Box 5850
Beaumont, TX 77726
MII User

Pro Line Video
Jim McConnell
2601 McHale Ct. #140
Austin, TX 78758
(512)837-2000
MII Owner

Pro Line Video
Terry Nixon
2601 McHale Ct. #140
Austin, TX 78758
(512)837-2000 x22
MII Owner

Pro Line Video Skip Holcombe
4778 Research Dr
San Antonio, TX 78240
(512)690-1234
MII Owner

Siam Satellite-TV
Mandonsiri Kattija Ari
7306 Logging Tr
Humble, TX 77346
MII User

South Plains College
Billy Alonzo
1401 South College Ave
Levelland TX 79336
(806)894-9611
MII User

Stillpoint Productions
Robert Castaldo
706 W. Main St
Arlington, TX 76013
MII User

Texas A & M University
Bob Matey
Video Lab
Kyle Field
College Station, TX
MII Owner

Texas Department of Public Safety
Gene Henderson
Media Production Unit
PO Box 4087
Austin, TX 78773-0001
(512)465-2217
MII Owner

Texas Education Agency
Ernesto Mejia
1701 N Congress Ave
Austin, TX 78701-1494
(512)463-9054
MII Owner

The University of Texas Health Science Center
Sam Dement
Television Production Services
7703 Floyd Curl Dr
San Antonio, TX 78284
(512) 567-2220
MII Owner

The University of Texas Sports
Mike Arias
Belmont Hall
RM 224C
Austin, TX 78713
(512)471-6826
MII Owner

The Video Eye
Bob Fitch
10960 Millbridge N Dr 103
Houston TX 77070
(713)890-8364
MII User

Video One
Kevin Echols
First Texas Bldg.
901 Indiana Ave., #395
Wichita Falls, TX 76301
(817) 322-9205
MII Owner

Vidicomp Distributors
Russ Robbins
232 W. 38th St.
Houston, TX 77018
(713)694-6400
Dealer

Vidicomp Distributors
Tim Mitchell
3502 Courtshire
Sugar Land, TX 77478
(713)694-6400
Dealer

Vietnam Vision
David Pham
10500 Richmond Ste 150
Houston, TX 77042
(713) 780-0533
MII Owner

Utah

Brigham Young University
Roger Gunn
Communication Dept
Provo, UT 84602
MII Owner

DCE Marketing
Kenneth Foster
University of Utah
2167 Annex Bldg
Salt Lake City, UT 84112
(801) 581-5588
MII Owner

DCE Marketing
Toni Smith
University of Utah
2167 Annex Bldg
Salt Lake City, UT 84112
(801) 581-5588
MII Owner

KBYU-TV
Lynn Edwards
C-302 HFAC BYU
Provo, UT 84602
(801)378-3551
MII Owner

KBYU-TV
Bob Gilman
C-302 HFAC BYU
Provo, UT 84602
(801)378-3551
MII Owner

Multi-Dimensional Media Svcs
Loran Swinson
9127 South 255 West
Sandy, UT 84070
(801) 561-2777
MII Owner

LDS AV
Peter Unwin
A/V Dept.
50 East North Temple
Salt Lake City, UT 84150
MII Owner

Options, Inc.
Gary Danase
970 East 3300 South, Suite 3
Salt Lake City, UT 84106
(801) 467-7421
MII Owner

Scott Nelson Productions
Scott Nelson
5006 S. Fairbrook
Holladay, UT 84117
(801) 272-5428
MII Owner

The Studio
Russ Rehya
342 W. 280 S.
Salt Lake City, UT 84101
(801)595-8800
MII Owner

TV Specialists
Bert Alvery
180 East 21st Sout
Salt Lake City, UT 84115

The Valley Channel
Earl Rouse
426 N 400 E
Logan, UT 84321
(801)752-7537
MII User

Utah Valley Community College
Tom Nelson
800 West 1200 South
Orem, Utah 84058
MII Owner

Video Lines
Dennis Lisonbee
267 S. Mountainland
Orem, UT 84058
(801) 226-0344
MII Owner

Video Reflections
David Andrews
6086 Fontainebleu
Salt Lake City, UT 84121
(801) 272-3031
MII Owner

Video Works Television
Johan Boss
15 East 10200 South
Sandy, UT 84070
(801) 565-8754
MII User

Virtual Media
421 S 400-E
Salt Lake City, UT 84111
(801) 355-8585
MII Owner

Word Perfect Corp.
Steve McCurdy
1555 N. Technology Way
Orem, UT 84057
(801) 228-4916
MII Owner

Word Perfect Corp.
Todd Mortensen
1555 N. Technology Way
Mail Stop K1100
Orem, UT 84057
(801) 228-4900
MII Owner

Word Perfect Corp.
Scott Myler
1555 N. Technology Way
Orem, UT 84057
(801) 228-4900
MII Owner

Xactware Inc.
Jim Loveland Jr.
313 E 1200 South,
Suite 101
Orem, UT 84058
(801) 226-2251

Vermont

Iris Multimedia
Robert Logsdan
PO Box 726
Burlington, VT 05402
(802) 865-9560
MII User

MLM Studios
Michele Moysse
Box 147 RFD2
West Brattleboro, VT. 05301

Virginia

2PM Multimedia
Jim Wine
P.O. Box 2
Linden, VA 22642
(703) 636-4142
MII Owner

AMPROD Inc.
Ken Santucci
9501 Atwood Dr.
Vienna, VA 22182-1464
(703) 818-1353
MII Owner

Applied Computer Techniques
Christopher Moberg
1800 Diagonal Rd
Suite 600
Alexandria, VA 22314
(703) 684-3125
MII Owner

Walter Arandia
935 S Buchanan St #44
Arlington, VA 22204-3060

Atlantic Broadcast
320 Lee Highway N
Troutville, VA 24175

AVEC Electronics Corp.
John Heinke
711 Granby St
Norfolk, VA 23510
(804) 627-3502
Dealer

AVEC Electronics Corp.
Thomas G. Jenkins
2002 Staples Mill Rd.
Richmond, VA 23230
Dealer

AVEC Electronics Corp.
Lee Merritt
2009 Williamson Rd.
Roanoke, VA 24012
Dealer

AVS
Franklin Carrington
3330 Bourbon St.
Fredericksburg, VA 22408
(703) 371-8324
MII Owner

Henry Boisvert
4225 N. Henderson Rd
Arlington, VA 22203
MII User

Bon Adventure Video Communications
David Jennings
3329-B Bourbon
Fredericksburg, VA 22408
(703) 372-3526

Zack Burkett Productions
Zack Burkett
14162 Marquis Rd
Unionville, VA 22567
(804)649-8611
MII User

Commonwealth Film Inc
Rodney Asbridge
1500 Brook Rd
Richmond, VA 23220
(804)649-8611
MII Owner

Creative Teleproductions
Bruce Braun
61 Arrowhead Drive
Lynchburg, VA 24502
(804)239-3752
MII Owner

Department of Justice
Dale Linden
Bldg 27958A
Quantico, VA 22135
MII Owner

Department of Justice
Noel Herold
Bldg 27958A
Quantico, VA 22135
MII Owner

Empire Video
Robert Rositzke
3412 Ramsgate Ter.
Alexandria, VA 22309
(703) 360-6623
MII User

Evening Productions
Victoria Eves
PO Box 2065
Falls Church, VA 22042
MII User

Fairfax Hospital Media
Center
Debbie Gregory
2832 Juniper St
Fairfax, VA 22031

The Family Channel
Russ Murphy
1000 Centerville Turnpike
Virginia Beach, VA 23463
(804) 523-7874
MII Owner

Garces Communications
Rolando Garces
PO Box 3262
Reston, VA 22090
MII User

Garday-McGrath (Int'l) Inc.
Dave Garday
1950 Roland Clarke Pl.
Suite 100
Reston, VA 22091
(703) 620-6000
MII Owner

George Mason University
Susan Kehoe
4400 Univ. Drive, MS IF3
TV Studio
Fairfax, VA 22030-4444
(703) 993-3110
MII Owner

Gingerbread Productions
1323 Shepard Dr.
Sterling, VA 22170
(703)450-7722

C. Mark Guenther
7529 McWhorter Pl.#303
Annandale, VA 22003
(703) 941-6943
MII User

Health S. Medical Center
Chris Wheeler
7700 Parham Rd.
Richmond, VA 23294
(703) 527-5960
MII Owner

Network Video Services
Chuck Fazio
5600 B General Washington
Dr.
Alexandria, VA 22312
(800) 289-3827

Norfolk Naval Shipyard
A/V Department
Bill Whitford
Bldg 33 Code 120
Portsmouth, VA 23709
(804) 396-3408
MII Owner

Orthopedic Research of VA
Chris Wheeler
7660 Parham Rd.
Richmond, VA 23294
(804) 527-5960
MII Owner

Park Avenue
Teleproductions
David Trowsell
3500 Maryland Ct
Richmond, VA 23233
MII Owner

Petrel Publishing
Gene Bjerke
312 Carry st
Williamsburg, VA 23185
(804)229-7667
MII User

Philip Morris USA
Carmen Inge
P.O. Box 26603
Richmond, VA 23261
(804) 274-3721
MII Owner

Philip Morris USA
Jeff Bigham
P.O. Box 26603
Richmond, VA 23261
(804) 274-3721
MII Owner

Public Broadcasting Service
Mark Richer
1320 Braddock Place
Alexandria, VA 22314
(703) 739-5471
MII Owner

Public Broadcasting Service
Larry Jefferson
1320 Braddock Place
Alexandria, VA 22314
(703) 739-5204
MII Owner

Public Broadcasting Service
Keith Ellsworth
1320 Braddock Place
Alexandria, VA 22314
(703) 739-5302
MII Owner

Reed Film & Video
Lloyd Reed
9493A Silver King Ct
Fairfax, VA 22031
(703) 385-5830
MII Owner

Roanoke Memorial
Hospitals
Edward Hamilton
Audio/Visual Ed
PO Box 13367
Roanoke, VA 24033
(703)981-7673
MII Owner

Russell & Associates
Sam Russell
P.O. Box 877
Manion, VA 24354
(703) 783-2251
MII User

Sallie Mae
Charlie Hite
200 Fairbrook Dr
Herndon, VA 22070
(703) 834-5737
MII Owner

Signet Bank
Mike Blacker
Video Department
11013 W. Broad St. Rd.
Glen Allen, VA 23060
(804) 0747-2064
MII Owner

Southwest Virginia
Community College
Kevin Rooney
P.O. Box SVCC
Richlands, VA 24641
(703) 964-2555 x552
MII Owner

Stephen Berry Production
Services
Stephen Berry
4512 Southhampton
Richmond, VA 23235
(804)320-0758
MII Owner

Steve Radcliffe
Commanding Officer
NETSCLANT BLDG W-313
Attn: N52 Naval Station
Norfolk, VA 23511-6197

Thomas Communications
William Aylward
2550 Huntington Ave
Suite 205
Alexandria, VA
(703)329-0102
MII User

Ultra-Sound A/V
Matt Bright
10108 Timberlake Rd
Lynchburg, VA 24502
(804)237-4549
MII Owner

Union Theological Seminary
John Coffman
Media Services Dept.
3401 Brook Rd
Richmond, VA 23227
(804)278-4330
MII Owner

Video Services, Inc.
Jim Howell
8604 Staples Mill Rd., #104
Richmond, VA 23228
(804) 261-9304
Repair

Virginia Baptist Board
Glenn Starling
P.O. Box 8568
Richmond, VA 23226
(804) 672-2100
MII Owner

The Whitlock Group
Kevin Thompson
230 Clearhead, Suite 103
Norfolk, VA 23462
(804) 622-2006
Dealer

WRLH-TV
Larry Brown
1925 Westmoreland St
Richmond, VA 23230
MII Owner

WVPT-TV
John Hodges
298 Port Republic Rd
Harrisonburg, VA 22801
(703)434-5391
MII Owner

Zack Burkett Productions
Zack Burkett
14162 Marquis Rd
Unionville, VA 22567

Zion Systems
Richard Hiett
1361 Lincolnshire Dr.
Harrisonburg, VA 22801
(703) 433-7700
MII User

Washington

Blue Mountain Broadcasting
Lynelle Childs
PO Box 205
College Place, WA 99324
(509)529-9149
MII User

Boyd Medical Productions
Larry Boyd
PO Box 61025
Seattle, WA 98121

Bristol Productions
Karl Schmidt
2401 Bristol Court SW
Olympia WA 98502
(206) 754-4260
MII Owner

Digital Reality
Paulo DeAndrade
13800 SE 79th Dr.
Renton, WA 98059-3200
(206) 227-5783
MII Owner

KEPR
Don Eckis
PO Box 2648
Tir-Cities, WA 99302
(509)547-0547
MII Owner

KHQ
Don Carmichael
P.O. Box 8088
Spokane, WA 99203
(509) 448-4600
MII Owner

KHQ
Jeff Hite
P.O. Box 8088
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(509) 448-4655
MII Owner

Kostov & Assoc. Multimedia
Studios
Michael Kostov
221 First Ave West, Ste 120
Seattle, WA 98119
(206)285-2797
MII Owner

Kramer Video
Tom Kramer
PO Box 22446
Seattle, WA 98122
(206) 322-6555
MII Owner

Lon Gibby Productions
Lon Gibby
East 113 Magnesium
Spokane, WA 99208
(509)467-1113
MII Owner

Mountain View TV
Anthony Evans
1500 SE Blarmond Dr
Vancouver, WA 98684
(206) 253-2588
MII Owner

National Videotape Co.
Mari Scimeca
4200 23rd Ave W
Seattle, WA 98199
Supplier

PS Media Video Productions
Rich Kraemer
PO Box 4005
Turnwater, WA 98501
(206)786-1686
MII Owner

Professional Video & Tape
Darrel Colbert
917 134th St
S.W. ste. A8
Everett, WA 98204
(206) 743-8811
MII Dealer

Puget Sound Power & Light
Company
Charles Nishida
PO Box 97034
OBC-09W
Bellevue, WA 98009-9734
(206) 454-6363 x3231
MII Owner

Seabird Video
Joshua Gordon
19710 63rd Lane N.E.
Seattle, WA 98155
(206) 483-8919
MII Owner

TDS Mediaquest
Wayne Dymess
11123 SE 208th St.
Kent WA 98031
(206)852-1074
MII User

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Seattle, WA 98115-4633
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University of Washington
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(206) 543-9923
MII Owner

Video Now, Inc.
Sion Dymess
610 S. Central Ave.
Kent, WA 98032
(206) 852-1186
MII Owner

Videoland Productions
Mitch McGeary
805-C College St. SE
Lacey, WA 98503
(206) 491-1332
MII Owner

Walla Walla College
Ken Priddy
204 S College Ave
College Place WA 99324
(509) 527-2307
MII User

Washington Natural Gas
John Cox
815 Mercer Street
Seattle, WA 98111
(206) 622-6767
MII Owner

Washington Natural Gas
Chis Nardine
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Seattle, WA 98111
MII Owner

West Virginia

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615 9th St.
PO Box 2523
Huntington, WV 25726-2523
MII Owner

AV Media Services
Jim Cornett
615 9th St
Ste 604 Box 2
Huntington, WV 25701

Consolidated Media Systems
Larry Cox
PO Box 649
Scott Depot, WV 25560
(304)744-4804
Supplier

E.I. Dupont
Jack Green
901 W. Dupont Ave.
Belle, WV 25013
(304) 357-1835
MII Owner

Seneca Communications Inc.
Chris Sizemore
P.O. Box 460
Dunbar, WV 25064-0460
(304) 766-8740
Dealer

Spectra Media, Inc.
Garry Simmons
2410 Woodland Dr
South Charleston, WV 25303
(304)744-7725
MII Owner

West Virginia University
Dept. Radio & TV
Rt 10 Box 304B
Ramada Rd
Morgantown, WV 26506
MII Owner

WOAY-TV
Jim Martin
RTE 16 South
Oak Hill, WV 25901
(304) 469-3361
MII Owner

WVAH-TV
Raymond Beckner
11 Broadcast Plaza
Hurricane, WV 25526
(304) 757-0011
MII Owner

WYVN
Bill Hoffman
1 Discovery Pl
Martinsburg, WV 25401
(304) 267-6060
MII Owner

Wisconsin

Anim8
John Acheson
5407 Victory Ave.
Racine, WI 53405
(414) 634-2050
MII Owner

Avonix
Ken Muehlbauer
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Brookfield, WI 53008-0506
(414) 783-6050
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Earl Neville
529 N. Monroe St
Green Bay, WI 54301
Dealer

Michael Bena
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Green Bay, WI 54311
(414) 331-2555
MII User

Centercom
Bob Harmon
5737 W. Hemlock Street
Milwaukee, WI 53223
(414) 353-2001
MII Owner

C.F. Struck Corp.
Charles F. Struck
PO Box 307
W51 N545 Struck Ln
Cedarburg, WI 53012
(414)377-3500
MII Owner

David Larson Productions
David Larson
5910 N. Lily Road
Menomonee Falls, WI 53051
(414) 252-4122
MII Owner

DVS Video Productions
Doug Cooper
1615 Henderson
Beloit, WI 53511

Eaton Corporation
Jim Heise
4201 N. 27th St
Milwaukee, WI 53216
(414) 449-6216
MII Owner

Excel Communications
Jim Dorman
3487 N. 124th St
Brookfield, WI 53005
(414)786-0686
MII Owner

Firstar Corporation
Frank Datzler
777 East Wisconsin Ave.
Milwaukee, WI 53202
(414) 765-6228
MII Owner

Fraser Orton Productions
Dennis Fraser
2150 Memorial Dr.,
Suite 212
Green Bay, WI 54303
(414) 494-6150
MII Owner

Image Makers Advertising
John Witek
740 North Pilgrim Pkwy
Elm Grove, WI 53122
(414)785-1709
MII Owner

Moraine Park Technical College
Edward Bok
235 N. National Ave.
P.O. Box 1940
Fond Du Lac, WI 54936-1940
(414) 924-3371
MII Owner

NWTC
John Siemering
PO Box 19042
Green Bay, WI 54307-9042

Northeast Tech. College
John Siemering
PO Box 19042
Green Bay, WI 54307-9042
(414)498-5495
MII Owner

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218 12th Ave
Green Bay, WI 54303
(414)494-8711
MII User

P.A. Bergner & Co.
Jim Brzyk
331 W. Wisconsin Ave.
Fourth Floor
Milwaukee, WI 53203
(414)347-5207
MII Owner

Promotions Unltd Corp
Jay McColium
7601 Durand Ave
Racine WI 53126
(414)554-8484
MII User

Reimers Photo Material Co.
Dan Fritz
300 E. Bay
Milwaukee, WI 53207
MII Owner

Studio Gear
Robert Wiese
126 N Jefferson st
Milwaukee WI 53202
(414)225-3777
MII User

Universal Production Int'l
Bob Kames, Jr.
4415 W. Forrest Home Ave
Milwaukee, WI 53219
(414) 321-0874
MII Owner

University of Wisconsin
Bager Football
1440 Monroe St
Madison, WI 53711
MII Owner

Vaughn Duplication Services
Tom Brunhart
700 West Michigan Ave, Ste 150
Milwaukee, WI 53233
(414)276-6511
MII Owner

VIDTEK
James Lillis
9235 W. Capital Dr
Milwaukee, WI 53222
(414) 466-7488
MII Owner

Wausau Insurance
Paul Hunsanger
The Westwood Conference
Center
1800 W. Bridge St.
Wausau, WI 54401
(715)847-7772
MII Owner

Worthwhile Films
Steve Breaker
333 W. Miffin St.
Madison, WI 53703
(608) 251-8855
MII Owner

WYOU
Frank Maiale
1619 Monroe St
Madison, WI 53711-2021
(608) 258-9644
MII Owner

Wyoming

KCWC TV
Gregory Ray
2660 Peck Ave
Riverton, WY 82501

KCWC TV
Roger Hicks
2660 Peck Ave
Riverton, WY 82501

Pronghorn Productions
Dudley Irvine
PO Box 703
Lander, WY 82520
(307)332-9714
MII Owner

Canada

Alberta

AVICOM Industrial Comm.
Ivan Willert
12860 - 149th St.
Edmonton, Alberta
TSV 1A4
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EM/Media
Jim Goertz
#200 - 116 - 8th Ave. S.W.
Calgary, Alberta T2P 1B3

Glenrose Rehab. Hospital
Randy Robertson
10230-111 Ave.
Edmonton, Alberta
T5G 0B7

Grant McEwan College
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Peter Brown
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Edmonton, Alberta
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Ted Zazula
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Lethbridge Cablenet
Mark Doran
1232 - 3 Ave. South
Lethbridge, Alberta
T1J 0J9

Montage Communications
Michael Prysunka
Lower Floor
611-10th Ave. S.W.
Calgary, Alberta T2R 0B2

Shaw Cablesystems
Ernie Poeseente
7605 50th St.
Edmonton, Alberta
T6B 2W9

Shaw Cablesystems
Gene Sydor
7633-50 Street
Edmonton, Alberta
T6B 2W9

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Marine Video
Peter Sara
1955 Wylie St.
Vancouver, B.C. V5Y 3N7
MII User

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Sergio Conteras
1471 Pemberton Ave.
North Vancouver, B.C.
V7P 2R9

Shaw Cable
Furio Sorrentino
1471 Pemberton Ave.
North Vancouver, B.C.
V7P 2R9

Shaw Cable
Peter Williams
1471 Pemberton Ave.
North Vancouver, B.C.
V7P 2R9

The Videomaker
Sig Poeppel
2160 Van Horne Drive
Kamloops, B.C. V1S 1L7

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Michael Olelock
3-1854 West First Ave.
Vancouver, B.C. V6J 1V5

VIDCOM
Bob deWaayer
3-1854 West First Ave.
Vancouver, B.C. V6J 1V5
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Manitoba

Canadian Pacific Railway
Ron Lesicki
Jarvis & McPhillips
Winnipeg, Manitoba
R3B 0J7

Servo Electronics Ltd.
Roger Kiendl
6th Floor
138 Portage Ave. East
Winnipeg, Manitoba
R3C 0A1
MII Dealer

Nova Scotia

Halifax Cable
Brett Smith
PO Box 8660, Stn A
5841 Bilby St. Halifax
Nova Scotia
B3K 3M3

Instructor Aids, Ltd.
Jim Davidson
55 MacDonald Ave.
Burnside Industrial Park
Dartmouth, Nova Scotia
B3B 1T9
MII Dealer

Michelin Tires Cda.Ltd
Dave Titus
PO Box 399
New Glasgow
Pictou City,
Nova Scotia
B2H 5E6

Ontario

Ontario

ADCOM Electronics
Gary McKeen
310 Judson St.
Unit #1
Toronto, Ontario
M8Z 5T6
MII Dealer

Advanced Video Prods
Mark Geier
28 Dywin Ct.
Cambridge, Ontario
N1R 7A4

AEC Computers
Janu Teng R.R. #7
Providence Line
Peterborough, Ontario
K9J 6X8

Agincourt Productions
Perren Baker
20 Kinnear Court
Richmond Hill, Ontario
L4B 1K8

Asian Television Network
Prakash Naidoo
130 Pony Dr.
Newmarket, Ontario
L3Y 7B6
(416) 836-6460

Asian Television Network
Shan Chandrasekar
130 Pony Dr.
Newmarket, Ontario
L3Y 7B6

Atchison Prod. Services
Don Atchison
1589 Drake Ave
Ottawa, Ontario K1G 0L7

Axiom Productions
Gerry Matthews
69 Raymond Street
Guelph, Ontario N1H 3S4

CBC - Windsor
Bruce Taylor
825 Riverside Drive W.
Windsor, Ontario N9A 1K7

CBC - Windsor
Rick Baillargeon
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CFMT - CH. 47
Frank BrunoP
545 Lakeshore Blvd. West
Toronto, Ontario M5V 1A3

CFMT - CH. 47
Brian Herling
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Kitchener, Ontario N2G 4E9

Edcom Multi Media
Rich Kramer
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Kitchener, Ontario
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Edcom Multimedia
William Webster
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London, Ontario
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Humphries Productions
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Image Projection
John Chyuria
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Nepean, Ontario K2E 7X1

Lambton College
Mervin Newcombe
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Maximum Productions
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730 Cochrane Dr.
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MBST Lifetime Prod.
5 DeWitte Court
Markham, Ontario
L3P 3Y4

MacLean Hunter Cable
Manny Florianio
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47 Lisgar St
Toronto, Ontario
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MacLean Hunter Cable
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80 Worcester Rd. Etobicoke,
Ontario
M9W 1K7

MacLean Hunter Cable
Merle Zoerbe
80 Worcester Rd. Etobicoke,
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North York, Ontario, N2R 2V4

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Toronto, Ontario M5T 1W1

Ontario College of Art
Michael Page
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Queens University
Kingston, Ontario
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MII User

Rainbow Video Concepts
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Kitchener, Ontario
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Tech Services
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Oakville, Ontario
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Sheridan College
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Soft Science Associates Ltd.
Eric Harris
R.R. #1
Gore's Landing, Ontario
KOK 2E0

Special Event Video Productions
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1911 Baseline Rd #100
Ottawa, Ontario K2C 0C7

St. Clair College
Roger Faubert
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Windsor, Ontario N9A 6S4

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Toronto, Ontario
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University of Toronto
Ernie Lopez
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Brantford, Ontario
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Neville Dean
17 Buell Rd
Mermaid, R.R. 5
Charlottetown, PEI
C1A 7J8

York Point Productions
Stewart Smith
8 Falconwood Road
Charlottetown, PEI
C1A 6B5

Island Cablevision
Wendall Ellis
100 Cable Court
Charlottetown, PEI
C1B 1A9

Quebec

Concept Videoscope
Claude Pdpin
100 bid Antonio Barrette
Joliette, Quebec
J6E 1E5

CKSH-TV
Marcel Aganier
340 Boul. Industriel
Sherbrooke, Quebec
J1L 1Z9

CKTM-TV
Trois Rivières
4141 St. Jean Blvd
Trois Rivières, Quebec
G9A 5G3

Dodier Design
M.Y. Dodier
635 Riel
Ascot, Quebec
J1H 5V7

Hautes Etudes Commere.
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5255 Avenue Decelles
Montreal, Quebec
H3T 1V6

Infographie
Michel Faubert
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Inter Cite Video
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8270 Mayrand
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Inter-Cite Video, Inc.
Harold Schneider
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Le Studio du Centre-Ville
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NGW Communications
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Ordigraphe Inc
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Premier Choix TVEC Inc.
Chantal Gagnon
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Verdun, Quebec
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Projet IMAGE
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Montreal, Quebec
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SportAction Video
2323 Boul. Versant Nord
Suite 204
St. Foy, Quebec G1N 4P4

Tele Metropole Inc
Sylvain Jeannotte
1600 Maisonneuve East
Montreal H2L 4P2

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Services Audiovisuels
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Professional Communications
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Regina, Saskatchewan
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STV - Regina
Ron Mittelholtz
370 Hoffer Drive
Regina, Saskatchewan
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STV - Saskatoon
Brian Virog
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Saskatoon, Saskatchewan
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STV - Saskatoon
Brian Taylor
218 Robin Crescent
Saskatoon, Saskatchewan
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Overseas

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(571) 312-7432
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CCT Broadcast
Humberto Yopez
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***The MII Users Association* Needs Your Help!!!!**

ALL members must return the
enclosed registration membership
form and their \$25.00 annual dues
to association headquarters
immediately.

The association cannot survive
without your support.

MIU Users Association of America
c/o GMG (International), Inc.
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